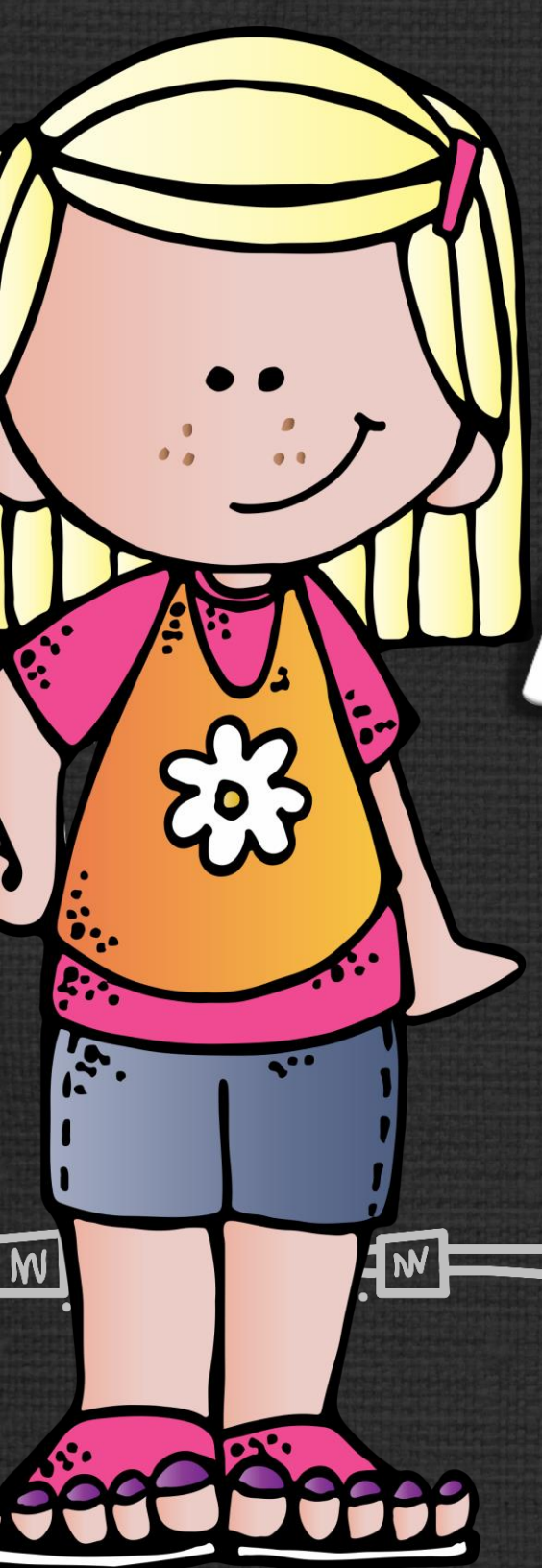

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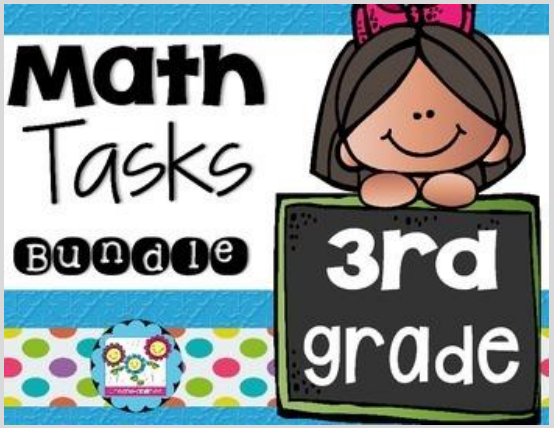

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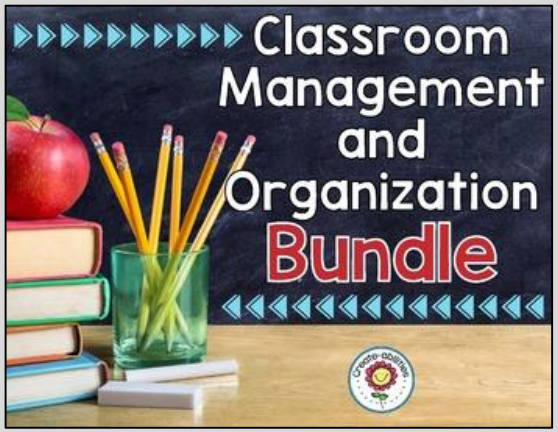

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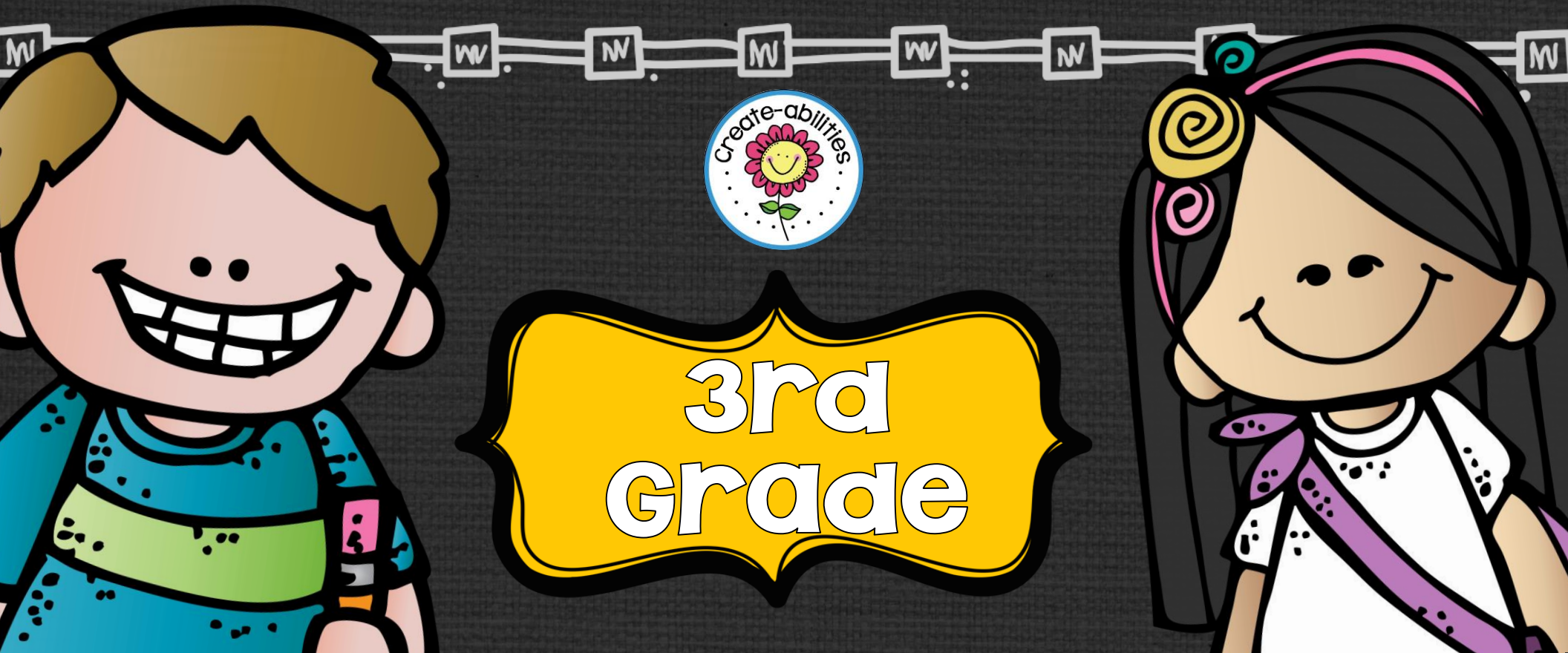


Rounding: 3.NBT.1

Name:_____

1. Round 27 to the nearest 10.

A. 20
B. 30
C. 10
D. 27

2. Round 689 to the nearest 100.

A. 600
B. 700
C. 800
D. 650

3. The table below shows how many people went to the carnival over the weekend. About how many people went to the carnival on Saturday?

Day	Number of People
Friday	593
Saturday	712

A. about 500
B. about 600
C. about 700

For problems 4-11, round each number to the nearest ten.

4. 34 = _____

5. 289 = _____

6. 91 = _____

7. 753 = _____

8. 445 = _____

9. 13 = _____

10. 77 = _____

11. 84 = _____

For problems 12-19, round each number to the nearest hundred.

12. 178 = _____

13. 89 = _____

14. 936 = _____

15. 712 = _____

16. 443 = _____

17. 603 = _____

18. 268 = _____

19. 459 = _____

Rounding: 3.NBT.1 KEY

Name:_____

1. Round 27 to the nearest 10.

A. 20

B. 30

C. 10

D. 27

2. Round 689 to the nearest 100.

A. 600

B. 700

C. 800

D. 650

3. The table below shows how many people went to the carnival over the weekend. About how many people went to the carnival on Saturday?

Day	Number of People
Friday	593
Saturday	712

A. about 500

B. about 600

C. about 700

For problems 4-11, round each number to the nearest ten.

4. 34 = 30

5. 289 = 290

6. 91 = 90

7. 753 = 750

8. 445 = 450

9. 13 = 10

10. 77 = 80

11. 84 = 80

For problems 12-19, round each number to the nearest hundred.

12. 178 = 200

13. 89 = 100

14. 936 = 1,000

15. 712 = 700

16. 443 = 400

17. 603 = 600

18. 268 = 300

19. 459 = 400

Add and Subtract Within 1,000: 3.NBT.2

Name:_____

1. Add:

$$\begin{array}{r} 89 \\ -\ 37 \\ \hline \end{array}$$

2. Subtract:

$$\begin{array}{r} 605 \\ -\ 192 \\ \hline \end{array}$$

3. Add:

$$\begin{array}{r} 76 \\ +\ 41 \\ \hline \end{array}$$

4. Subtract:

$$\begin{array}{r} 871 \\ -\ 508 \\ \hline \end{array}$$

5. Last year, Jefferson's Chicken farm produced 845 eggs. This year the farm produced 608 eggs. How many more eggs did the farm produce the first year?

A. 237 more
B. 608 more
C. 1,453 more
D. 200 more

6. The penguins at the zoo are fed a total of 213 fish on Saturday and 198 fish on Sunday. How many fish did the penguins eat altogether over those two days?

_____

7. A video game company made 512 white game consoles and 383 black game consoles. How many consoles did they make altogether?

A. 900 consoles
B. 271 consoles
C. 890 consoles
D. 895 consoles

8. The South Jordan Public Library bought 473 adult books and 398 children's books. How many more adult books were purchased than children's books?

_____

Add and Subtract Within 1,000: 3.NBT.2 KEY

Name:_____

1. Add:

$$\begin{array}{r} 89 \\ -\ 37 \\ \hline 52 \end{array}$$

2. Subtract:

$$\begin{array}{r} 605 \\ -\ 192 \\ \hline 413 \end{array}$$

3. Add:

$$\begin{array}{r} 76 \\ +\ 41 \\ \hline 117 \end{array}$$

4. Subtract:

$$\begin{array}{r} 871 \\ -\ 508 \\ \hline 363 \end{array}$$

5. Last year, Jefferson's Chicken farm produced 845 eggs. This year the farm produced 608 eggs. How many more eggs did the farm produce the first year?

A. 237 more
B. 608 more
C. 1,453 more
D. 200 more

6. The penguins at the zoo are fed a total of 213 fish on Saturday and 198 fish on Sunday. How many fish did the penguins eat altogether over those two days?

411 fish

7. A video game company made 512 white game consoles and 383 black game consoles. How many consoles did they make altogether?

A. 900 consoles
B. 271 consoles
C. 890 consoles
D. 895 consoles

8. The South Jordan Public Library bought 473 adult books and 398 children's books. How many more adult books were purchased than children's books?

75 more books

Multiplying Multiples of Ten: 3.NBT.3

Name:_____

1. Nopi buys 7 bags of cookies. Each bag has 30 cookies in it. How many cookies does Nopi have?

A. 210
B. 120
C. 70
D. 30

2. There are 20 elephants at the zoo. Each elephant has four legs. How many legs are there in all?

A. 20
B. 40
C. 80
D. 100

3. There are 6 chickens on the farm. Each chicken lays 20 eggs a month. How many eggs were laid altogether in one month?

_____

4. There are 4 third grade classrooms at Horizon Elementary school. Each class has 30 students. How many third graders are at the elementary altogether?

A. 34 students
B. 43 students
C. 70 students
D. 120 students

Solve each problem below.

5. 60 x 7 = _____

6. 5 x 30 = _____

7. 20 x 9 = _____

8. 40 x 5 = _____

9. 3 x 70 = _____

10. 8 x 20 = _____

11. 50 x 9 = _____

Multiplying Multiples of Ten: 3.NBT.3 KEY

Name:_____

1. Nopi buys 7 bags of cookies. Each bag has 30 cookies in it. How many cookies does Nopi have?

A. 210
B. 120
C. 70
D. 30

2. There are 20 elephants at the zoo. Each elephant has four legs. How many legs are there in all?

A. 20
B. 40
C. 80
D. 100

3. There are 6 chickens on the farm. Each chicken lays 20 eggs a month. How many eggs were laid altogether in one month?

120 eggs

4. There are 4 third grade classrooms at Horizon Elementary school. Each class has 30 students. How many third graders are at the elementary altogether?

A. 34 students
B. 43 students
C. 70 students
D. 120 students

Solve each problem below.

5. 60 x 7 = 420

6. 5 x 30 = 150

7. 20 x 9 = 180

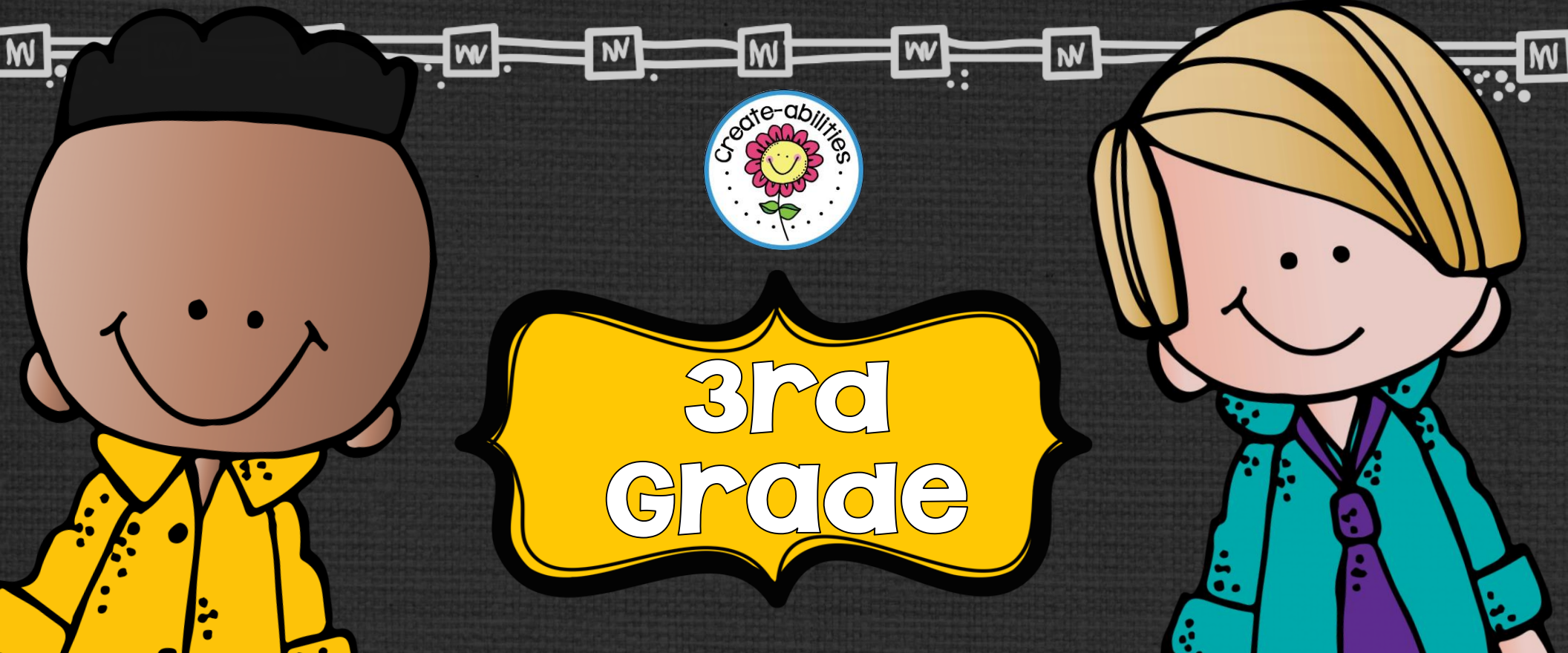
8. 40 x 5 = 200

9. 3 x 70 = 210

10. 8 x 20 = 160

11. 50 x 9 = 450

Multiplication and Division Assessments



Multiplication: 3.OA.I

Name:_____

1. 5 x 7 is the same as:
A. 5 + 5 + 5 + 5 + 5 + 5
B. 7 + 7 + 7 + 7 + 7
C. 5 + 5 + 5 + 5 + 5
D. 7 + 5

2. 4 x 2 is the same as:
A. 2 x 2
B. 4 - 2
C. 4 + 4 + 4 + 4 + 4 + 4
D. 2 + 2 + 2 + 2

3. 3x3 is the same as:
A. 3 + 3
B. 3 + 3 + 3
C. 3 - 3
D. 3 + 9

4. 8 + 8 + 8 is the same as:
A. 3 x 8
B. 3 + 8
C. 8 +8

5. Make an array for 3 x 7.

6. Make an array for 2 x 6.

7. Make an array for 1 x 5.

Solve each problem below.

8. 3 x 5 = _____

9. 9 x 5 = _____

10. 7 x 6 = _____

11. 5 x 8 = _____

12. 1 x 2 = _____

13. 4 x 0 = _____

14. 7 x 1 = _____

15. 3 x 4 = _____

Multiplication: 3.OA.1 KEY

Name:_____

1. 5 x 7 is the same as:

A. 5 + 5 + 5 + 5 + 5 + 5

B. 7 + 7 + 7 + 7 + 7

C. 5 + 5 + 5 + 5 + 5

D. 7 + 5

2. 4 x 2 is the same as:

A. 2 x 2

B. 4 - 2

C. 4 + 4 + 4 + 4 + 4 + 4

D. 2 + 2 + 2 + 2

3. 3x3 is the same as:

A. 3 + 3

B. 3 + 3 + 3

C. 3 - 3

D. 3 + 9

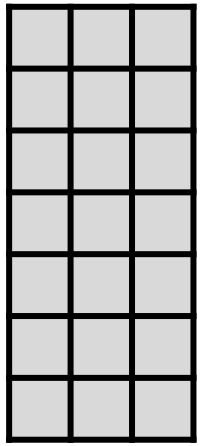
4. 8 + 8 + 8 is the same as:

A. 3 x 8

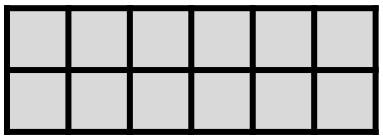
B. 3 + 8

C. 8 +8

5. Make an array for 3 x 7.



6. Make an array for 2 x 6.



7. Make an array for 1 x 5.

Solve each problem below.

8. 3 x 5 = 15

9. 9 x 5 = 45

10. 7 x 6 = 42

11. 5 x 8 = 40

12. 1 x 2 = 2

13. 4 x 0 = 0

14. 7 x 1 = 7

15. 3 x 4 = 12

Division: 3.OA.2

Name:_____

1. Antwon has 15 candies. He wants to split them equally between 3 friends. Which equation shows how many candies each friend gets?

A. 3 ÷ 15 = 5
B. 15 ÷ 3 = 5
C. 15 - 3 = 4
D. 5 ÷ 15 = 3

2. Shema is making a necklace. It takes 9 beads to make one necklace. If she has 81 beads, which equation shows how many necklaces she can make?

A. 81 ÷ 9 = 9
B. 9 ÷ 81 = 9
C. 9 + 9 = 81
D. 81 - 9 = 9

3. Solve: 42 ÷ 6 =

4. Robbie is finding the quotient of 18 ÷ 6 using repeated subtraction. Which sentence describes the correct way Robbie should subtract?

A. Robbie should subtract 6 from 18.

B. Robbie should subtract 6 from 18 until he gets to zero.

C. Robbie should subtract 18 from 6.

D. Robbie should subtract 6 and 3 from 18.

5. 24 ÷ 3 is the same as:

A. 24 - 24= 8

B. 24 - 3 = 21, 21 - 3 = 18, 18 - 3 = 15, 15 - 3 = 12, 12 - 3 = 9, 9 - 3 = 6, 6 - 3 = 3, 3 - 3 = 0

C. 3 - 24 = 8

Solve each problem below.

6. 35 ÷ 5 = _____

7. 49 ÷ 7 = _____

8. 12 ÷ 6 = _____

9. 32 ÷ 8 = _____

10. 10 ÷ 2 = _____

11. 40 ÷ 5 = _____

12. 72 ÷ 8 = _____

13. 36 ÷ 4 = _____

Division: 3.OA.2 KEY

Name:_____

1. Antwon has 15 candies. He wants to split them equally between 3 friends. Which equation shows how many candies each friend gets?

A. 3 ÷ 15 = 5
B. 15 ÷ 3 = 5
C. 15 - 3 = 4
D. 5 ÷ 15 = 3

2. Shema is making a necklace. It takes 9 beads to make one necklace. If she has 81 beads, which equation shows how many necklaces she can make?

A. 81 ÷ 9 = 9
B. 9 ÷ 81 = 9
C. 9 + 9 = 81
D. 81 - 9 = 9

3. Solve: 42 ÷ 6 = 7

4. Robbie is finding the quotient of 18 ÷ 6 using repeated subtraction. Which sentence describes the correct way Robbie should subtract?

A. Robbie should subtract 6 from 18.
B. Robbie should subtract 6 from 18 until he gets to zero.
C. Robbie should subtract 18 from 6.
D. Robbie should subtract 6 and 3 from 18.

5. 24 ÷ 3 is the same as:

A. 24 - 24= 8
B. 24 - 3 = 21, 21 - 3 = 18, 18 - 3 = 15, 15 - 3 = 12, 12 - 3 = 9, 9 - 3 = 6, 6 - 3 = 3, 3 - 3 = 0
C. 3 - 24 = 8

Solve each problem below.

6. 35 ÷ 5 = 7

7. 49 ÷ 7 = 7

8. 12 ÷ 6 = 2

9. 32 ÷ 8 = 4

10. 10 ÷ 2 = 5

11. 40 ÷ 5 = 8

12. 72 ÷ 8 = 9

13. 36 ÷ 4 = 8

Multiplication and Division Word Problems: 3.OA.3

Name:_____

1. A mint factory puts 6 mints in each box. How many mints will the factory need to fill 4 boxes?

A. 8
B. 24
C. 18
D. 10

2. A roller coaster at an amusement park has 5 cars, and 5 people can ride in each car. How many people can ride the roller coaster at the same time?

A. 20
B. 15
C. 25
D. 30

3. Gabe made 36 key chains. He gave the same number of key chains to 6 friends. How many key chains did each friend get?

_____

4. Rose had 40 pieces of candy. He split the candy evenly between 8 of his friends. How many pieces of candy does each friend get?

A. 5 pieces
B. 48 pieces
C. 32 pieces
D. 8 pieces

5. A toy store has 20 basketballs. The basketballs are divided evenly between 5 shelves. How many basketballs are on each shelf?

_____

6. Jared is buying bunches of flowers. Each bunch of flowers has 5 flowers in it. If Jared buys 3 bunches, how many flowers did he buy?

_____

Multiplication and Division Word Problems: 3.OA.3 KEY

Name:_____

1. A mint factory puts 6 mints in each box. How many mints will the factory need to fill 4 boxes?

A. 8
B. 24
C. 18
D. 10

2. A roller coaster at an amusement park has 5 cars, and 5 people can ride in each car. How many people can ride the roller coaster at the same time?

A. 20
B. 15
C. 25
D. 30

3. Gabe made 36 key chains. He gave the same number of key chains to 6 friends. How many key chains did each friend get?

6 key chains

4. Rose had 40 pieces of candy. He split the candy evenly between 8 of his friends. How many pieces of candy does each friend get?

A. 5 pieces
B. 48 pieces
C. 32 pieces
D. 8 pieces

5. A toy store has 20 basketballs. The basketballs are divided evenly between 5 shelves. How many basketballs are on each shelf?

4 basketballs

6. Jared is buying bunches of flowers. Each bunch of flowers has 5 flowers in it. If Jared buys 3 bunches, how many flowers did he buy?

15 flowers

Unknown Number: 3.OA.4

Name:_____

1. 40 ÷ _____ = 10

2. _____ x 5 = 30

3. 8 x 9 = _____

4. # x 8 = 16

   #= _____

5. 6 x n = 36

   n= _____

6. 24 ÷ _____ = 8

7. 7 x _____ = 42

8. 81 ÷ a = 9

   a= _____

9. 64 ÷ 8 = _____

10. 35 ÷ _____ = 5

11. 63 ÷ _____ = 9

12. The grocery store stacked the spinach cans in 5 rows with 8 cans in each row. Which equation shows how many cans there are altogether?

A. ___ x 5 = 8

B. 5 x 8 = ___

C. 8 ÷ 5 = ___

D. 8 - 5 = ___

13. We arranged our desks in 3 equal rows. We have 21 kids. Which equation can help me solve how many kids will sit in each row?

A. 21 ÷ 3 = ___

B. 21 - 3 = ___

C. ___ ÷ 3 = 21

D. 21 + 3 = ___

Unknown Number: 3.OA.4 KEY

Name:_____

1. 40 ÷ 4 = 10

2. 6 x 5 = 30

3. 8 x 9 = 72

4. # x 8 = 16

   #= 2

5. 6 x n = 36

   n= 6

6. 24 ÷ 3 = 8

7. 7 x 6 = 42

8. 81 ÷ a = 9

   a= 9

9. 64 ÷ 8 = 8

10. 35 ÷ 7 = 5

11. 63 ÷ 7 = 9

12. The grocery store stacked the spinach cans in 5 rows with 8 cans in each row. Which equation shows how many cans there are altogether?

A. ___ x 5 = 8

B. 5 x 8 = ___

C. 8 ÷ 5 = ___

D. 8 - 5 = ___

13. We arranged our desks in 3 equal rows. We have 21 kids. Which equation can help me solve how many kids will sit in each row?

A. 21 ÷ 3 = ___

B. 21 - 3 = ___

C. ___ ÷ 3 = 21

D. 21 + 3 = ___

Properties of Multiplication and Division: 3.OA.5

Name:_____

1. Which number makes the number sentence true:
a x (3 x 5) = (3 x 5) x 2 ?

A. 2 B. 45
C. 3 D. 30

2. Which expression is equal to 8x6?

A. 10 x 4
B. 6 x 8
C. 6 + 6 + 6 + 6

3. Which is another way to write 6 x 4?

A. (3 x 4) + (3 x 4)
B. (3 x 3) + (3 x 4)
C. (6 x 4) + (6 x 4)
D. (3 x 2) + (3 x 2)

4. Lulu noticed a pattern when multiplying by zero. Which best describes the pattern?

A. Any number times one is one.

B. Any number times zero is the other factor

C. Any number times zero is zero

5. Which number makes the number sentence true:
(2 x 6) x 4 = A x (4 x 6) ?

A. 6
B. 24
C. 2
D. 3

6. Which expression is equal to 5 x 3?

A. 3 x 5 B. 5+5 C. 9

7. Which is another way to write 5 x 8?

A. (5 x 4) + (5 x 4)
B. (8 x 5) + (8 x 4)
C. (5 x 8) + (5 x 8)
D. (3 x 2) + (3 x 2)

8. Jason was trying to explain a property of multiplication to his friend. Which one is true?

A. Any number times one is the other factor.
B. Any number times two is two.

Properties of Multiplication and Division: 3.OA.5 KEY

Name:_____

1. Which number makes the number sentence true:
a x (3 x 5) = (3 x 5) x 2 ?

A. 2
B. 45
C. 3
D. 30

2. Which expression is equal to 8x6?

A. 10 x 4
B. 6 x 8
C. 6 + 6 + 6 + 6

3. Which is another way to write 6 x 4?

A. (3 x 4) + (3 x 4)
B. (3 x 3) + (3 x 4)
C. (6 x 4) + (6 x 4)
D. (3 x 2) + (3 x 2)

4. Lulu noticed a pattern when multiplying by zero. Which best describes the pattern?

A. Any number times one is one.

B. Any number times zero is the other factor

C. Any number times zero is zero

5. Which number makes the number sentence true:
(2 x 6) x 4 = A x (4 x 6) ?

A. 6
B. 24
C. 2
D. 3

6. Which expression is equal to 5 x 3?

A. 3 x 5
B. 5+5
C. 9

7. Which is another way to write 5 x 8?

A. (5 x 4) + (5 x 4)
B. (8 x 5) + (8 x 4)
C. (5 x 8) + (5 x 8)
D. (3 x 2) + (3 x 2)

8. Jason was trying to explain a property of multiplication to his friend. Which one is true?

A. Any number times one is the other factor.
B. Any number times two is two.

Unknown Factor: 3.OA.6

Name:_____

1. 8 x _____ = 32

2. 6 x 9 = _____

3. 24 ÷ _____ = 8

4. _____ ÷ 5 = 5

5. 3 x _____ = 18

6. 6 ÷ 6 = _____

7. 63 ÷ 7 = _____

8. _____ ÷ 9 = 8

9. Boats at the lake can each hold 2 people. If 8 people want to go boating, how many boats will they need?

_____

10. A florist put 4 flowers in each vase. How many vases did the florist fill if he used 8 flowers?

_____

11. Each pizza has 8 slices. How many pizzas does Daniel need to buy to get 24 slices?

_____

12. Each bag of marbles contains 10 marbles. Jack splits them equally between 5 friends. How many marbles does each friend get?

_____

Unknown Factor: 3.OA.6 KEY

Name:_____

1. 8 x 4 = 32

2. 6 x 9 = 54

3. 24 ÷ 3 = 8

4. 25 ÷ 5 = 5

5. 3 x 6 = 18

6. 6 ÷ 6 = 1

7. 63 ÷ 7 = 9

8. 72 ÷ 9 = 8

9. Boats at the lake can each hold 2 people. If 8 people want to go boating, how many boats will they need?

4 boats

10. A florist put 4 flowers in each vase. How many vases did the florist fill if he used 8 flowers?

2 vases

11. Each pizza has 8 slices. How many pizzas does Daniel need to buy to get 24 slices?

3 pizzas

12. Each bag of marbles contains 10 marbles. Jack splits them equally between 5 friends. How many marbles does each friend get?

2 marbles

Multiply and Divide Within 100: 3.OA.7

Name:_____

1. Solve: 64 ÷ 8 =
A. 8
B. 72
C. 56
D. 4

2. Solve: 4 x 5 =
A. 9
B. 20
C. 1
D. 45

3. Solve: 6 ÷ 3 =
A. 9
B. 2
C. 6
D. 18

4. Solve: 9 x 9 =
A. 81
B. 18
C. 9
D. 72

5. Solve: 56 ÷ 7=
A. 49
B. 8
C. 7
D. 63

6. Solve: 50 ÷ 5=
A. 10
B. 55
C. 45
D. 5

7. Solve: 9 x 6 =
A. 15
B. 3
C. 54
D. 45

8. Solve: 12 ÷ 4=
A. 16
B. 3
C. 8
D. 4

9. Solve: 10 x 9 =
A. 10
B. 19
C. 9
D. 90

10. Solve: 3 x 0=
A. 3
B. 1
C. 0
D. 2

11. Solve: 1 x 12 =
A. 1
B. 13
C. 11
D. 12

12. Solve: 35 ÷ 5 =
A. 7
B. 35
C. 5
D. 40

Multiply and Divide Within 100: 3.OA.7 KEY

Name:_____

1. Solve: 64 ÷ 8 =
A. 8
B. 72
C. 56
D. 4

2. Solve: 4 x 5 =
A. 9
B. 20
C. 1
D. 45

3. Solve: 6 ÷ 3 =
A. 9
B. 2
C. 6
D. 18

4. Solve: 9 x 9 =
A. 81
B. 18
C. 9
D. 72

5. Solve: 56 ÷ 7=
A. 49
B. 8
C. 7
D. 63

6. Solve: 50 ÷ 5=
A. 10
B. 55
C. 45
D. 5

7. Solve: 9 x 6 =
A. 15
B. 3
C. 54
D. 45

8. Solve: 12 ÷ 4=
A. 16
B. 3
C. 8
D. 4

9. Solve: 10 x 9 =
A. 10
B. 19
C. 9
D. 90

10. Solve: 3 x 0=
A. 3
B. 1
C. 0
D. 2

11. Solve: 1 x 12 =
A. 1
B. 13
C. 11
D. 12

12. Solve: 35 ÷ 5 =
A. 7
B. 35
C. 5
D. 40

Two-Step Word Problems: 3.OA.8

Name:_____

1. Caryn brought 15 cookies and Heather brought 26 cookies to school. They passed out 35 cookies to the class. How many are left?

A. 6
B. 26
C. 16
D. 0

2. Anthony sold 25 more chocolates than Ashley. Ashley sold 15 chocolates. Which equation shows how many chocolates were sold altogether?

A. (15 + 25) + 15 =a
B. 15 + 25 = a
C. 25 - 15 = a
D. (15 + 15) + 15 = a

3. Gabby had a dozen eggs. She made 2 batches of brownies. Each batch used four eggs. How many eggs are left?

A. 12
B. 6
C. 4
D. 2

4. Danielle was given $30 for her birthday. She wants to buy three shirts for $8 dollars each. Which equation shows how much money she will have left over after she buys her shirts?

A. 30 + 8 + 3 = n
B. (8 - 3) + 30 = n
C. 30 - (8 x 3) = n
D. 8 x 3 = n

5. There are 26 bicycles and 8 tricycles in the storage area at Carson's apartment building. Each bicycle has 2 wheels and each tricycle has 3 wheels. How many wheels are there in all?

_____

6. Brennan bought 9 books about plants and 7 books about fish. He also bought 9 science magazines. Each book cost $10 and each magazine cost $2. How much did Brennan spend in all?

_____

Two-Step Word Problems: 3.OA.8 KEY

Name:_____

1. Caryn brought 15 cookies and Heather brought 26 cookies to school. They passed out 35 cookies to the class. How many are left?

A. 6
B. 26
C. 16
D. 0

2. Anthony sold 25 more chocolates than Ashley. Ashley sold 15 chocolates. Which equation shows how many chocolates were sold altogether?

A. (15 + 25) + 15 =a
B. 15 + 25 = a
C. 25 - 15 = a
D. (15 + 15) + 15 = a

3. Gabby had a dozen eggs. She made 2 batches of brownies. Each batch used four eggs. How many eggs are left?

A. 12
B. 6
C. 4
D. 2

4. Danielle was given $30 for her birthday. She wants to buy three shirts for $8 dollars each. Which equation shows how much money she will have left over after she buys her shirts?

A. 30 + 8 + 3 = n
B. (8 - 3) + 30 = n
C. 30 - (8 x 3) = n
D. 8 x 3 = n

5. There are 26 bicycles and 8 tricycles in the storage area at Carson's apartment building. Each bicycle has 2 wheels and each tricycle has 3 wheels. How many wheels are there in all?

76 wheels

6. Brennan bought 9 books about plants and 7 books about fish. He also bought 9 science magazines. Each book cost $10 and each magazine cost $2. How much did Brennan spend in all?

$178

Patterns: 3.OA.9

Name:_____

1. Karl writes the following multiplication problems:

5x5=25 7x9=63 3x9=27

What pattern describes what he found as he multiplied?

A. An odd number times itself is even.

B. An odd number times an odd number is even.

C. An odd number times an odd number is odd.

D. An odd number times one is even.

2. Fill in the pattern below and then name the pattern rule.

100, _____ , 50, 25

pattern: _____

3. Look at the multiplies of 8 below:

8, 16, 24, 32, 40, 48, 56, 64, 72

What pattern do you see?

A. The ones place is always odd.

B. The number is always even.

C. The number is always odd.

D. The tens place is always even.

4. Fill in the pattern below and then name the pattern rule.

_____ , 34, 25, 16, _____

pattern: _____

5. Any number times zero is _____. This is the _____ property of multiplication.

6. Is four times a number always odd or always even? How do you know?

7. Any number times 2 is:

doubled tripled

8. Any number multiplied by 2 is:

even odd

Patterns: 3.OA.9 KEY

Name:_____

1. Karl writes the following multiplication problems:

5x5=25 7x9=63 3x9=27

What pattern describes what he found as he multiplied?

A. An odd number times itself is even.

B. An odd number times an odd number is even.

C. An odd number times an odd number is odd.

D. An odd number times one is even.

2. Fill in the pattern below and then name the pattern rule.

100, 75 , 50, 25

pattern: subtracting by 25

3. Look at the multiplies of 8 below:

8, 16, 24, 32, 40, 48, 56, 64, 72

What pattern do you see?

A. The ones place is always odd.

B. The number is always even.

C. The number is always odd.

D. The tens place is always even.

4. Fill in the pattern below and then name the pattern rule.

43 , 34, 25, 16, 5

pattern: subtracting by 9

5. Any number times zero is zero This is the zero property of multiplication.

6. Is four times a number always odd or always even? How do you know?

It is always even. You can prove it by skip counting: 4, 8, 12, 16, 20, 24, ...

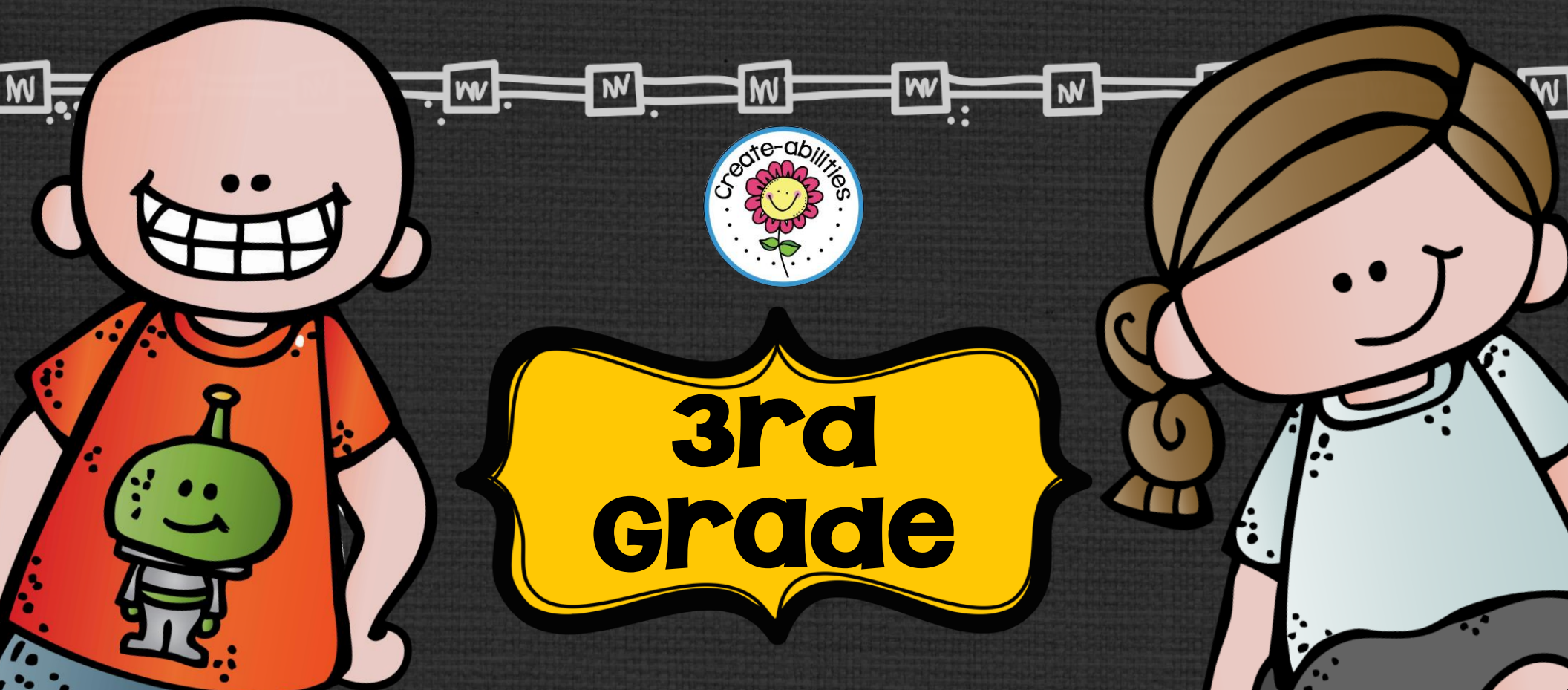
7. Any number times 2 is:

doubled tripled

8. Any number multiplied by 2 is:

even odd

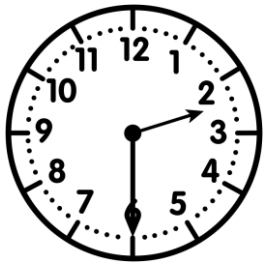
Measurement Assessments



Time to the Nearest Minute: 3.MD.1

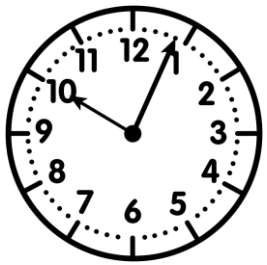
Name:_____

1. What time does the clock show below?



A. 2:30
B. 2:6
C. 6:02
D. 3:30

2. What time does the clock show below?



A. 10:01
B. 10:1
C. 10:04
D. 1:10

3. Harry starts reading a book at 2:30. He finishes reading at 3:15. How long did he read his book?

A. 30 minutes
B. 40 minutes
C. 15 minutes
D. 45 minutes

4. Piano practice starts at 3:00 and lasts for 45 minutes. What time does it end?

A. 4:00
B. 2:30
C. 3:30
D. 3:45

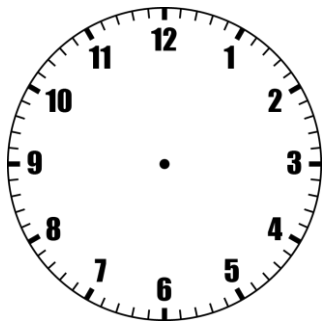
5. Dinner starts at 5:00 and lasts for 35 minutes. What time does dinner end?

_____

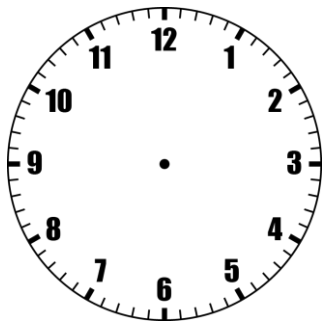
6. Ron takes a shower for fifteen minutes before he goes to bed at 9:25. What time did Ron start his shower?

A. 9:25
B. 9:40
C. 9:10
D. 9:15

7. Draw 8:25 on the clock below.



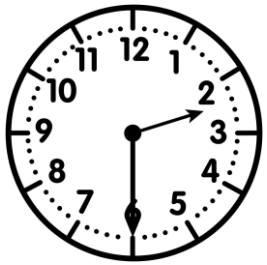
8. Draw 11:43 on the clock below.



Time to the Nearest Minute: 3.MD.1 KEY

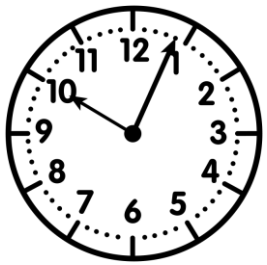
Name:_____

1. What time does the clock show below?



A. 2:30
B. 2:6
C. 6:02
D. 3:30

2. What time does the clock show below?



A. 10:01
B. 10:1
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D. 45 minutes

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B. 2:30
C. 3:30
D. 3:45

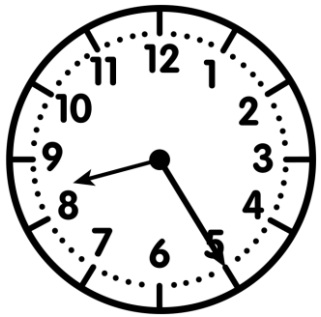
5. Dinner starts at 5:00 and lasts for 35 minutes. What time does dinner end?

5:35

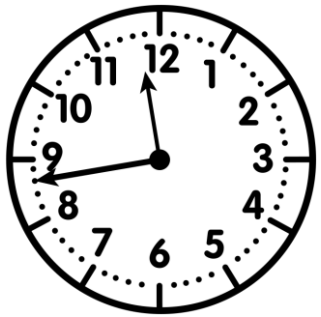
6. Ron takes a shower for fifteen minutes before he goes to bed at 9:25. What time did Ron start his shower?

A. 9:25
B. 9:40
C. 9:10
D. 9:15

7. Draw 8:25 on the clock below.



8. Draw 11:43 on the clock below.



Estimating Liquid Volumes and Masses: 3.MD.2

Name:_____

1. About how much does a pencil weigh?

A. 4 grams
B. 40 grams
C. 4 kilograms
D. 40 kilograms

2. Which container holds about 1 liter?

A. water bottle
B. swimming pool
C. teaspoon
D. bathtub

3. About how much does a dictionary weigh?

A. 1 g B. 1 kg C. 10 kg

4. Neville has two puppies. His bulldog weighs 8,235 grams. His poodle weighs 4,532 grams. How many more grams does his bulldog weigh than his poodle?

A. 12,767
B. 5,235
C. 4,532
D. 3,703

5. Mrs. Hansen bought 36 liters of punch for her class. She wants each student to have some. If she has nine students, how many liters does each student get?

A. 45
B. 36
C. 4
D. 9

6. Norbert had a pumpkin from his garden that weighed 9 kilograms. He had a squash that weighed 1 kilogram and a watermelon that weighed 6 kilograms. How many kilograms does his produce weigh?

A. 16 kg
B. 15 kg
C. 9 kg
D. 6 kg

7. Which container holds about 2 liters?

A. swimming pool
B. eye dropper
C. soda bottle
D. bathtub

Estimating Liquid Volumes and Masses: 3.MD.2 KEY

Name:_____

1. About how much does a pencil weigh?

A. 4 grams
B. 40 grams
C. 4 kilograms
D. 40 kilograms

2. Which container holds about 1 liter?

A. water bottle
B. swimming pool
C. teaspoon
D. bathtub

3. About how much does a dictionary weigh?

A. 1 g B. 1 kg C. 10 kg

4. Neville has two puppies. His bulldog weighs 8,235 grams. His poodle weighs 4,532 grams. How many more grams does his bulldog weigh than his poodle?

A. 12,767
B. 5,235
C. 4,532
D. 3,703

5. Mrs. Hansen bought 36 liters of punch for her class. She wants each student to have some. If she has nine students, how many liters does each student get?

A. 45
B. 36
C. 4
D. 9

6. Norbert had a pumpkin from his garden that weighed 9 kilograms. He had a squash that weighed 1 kilogram and a watermelon that weighed 6 kilograms. How many kilograms does his produce weigh?

A. 16 kg
B. 15 kg
C. 9 kg
D. 6 kg

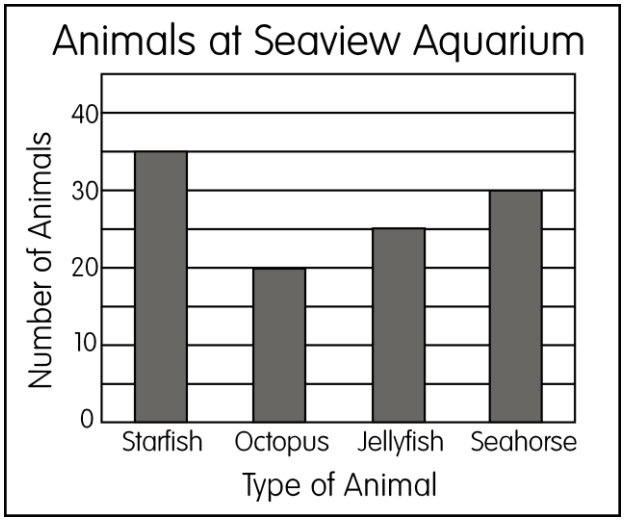
7. Which container holds about 2 liters?

A. swimming pool
B. eye dropper
C. soda bottle
D. bathtub

Graphing: 3.MD.3

Name:_____

Use the graph below to answer questions 1-2.



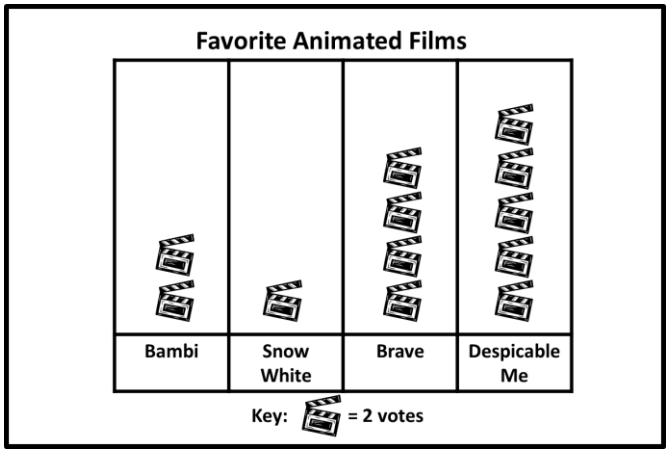
1. How many more starfish were at the aquarium than jellyfish?

_____

2. How many seahorses were at the aquarium?

A. 30 B. 25 C. 35

Use the graph below to answer questions 3-4.



3. How many more people chose Brave as their favorite movie than Snow White?

A. 2 more

B. 4 more

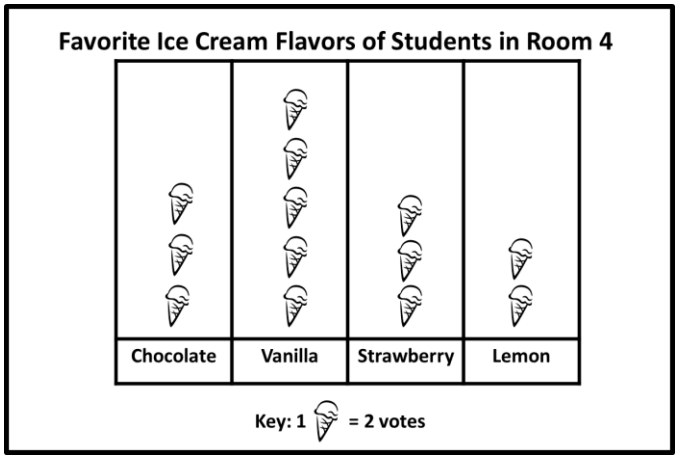
C. 6 more

D. 8 more

4. How many more people picked Despicable Me than Bambi?

_____

Use the graph below to answer questions 4-5.



4. How many people picked chocolate and strawberry ice cream?

_____

5. How many more people picked strawberry than lemon?

A. 2 more

B. 4 more

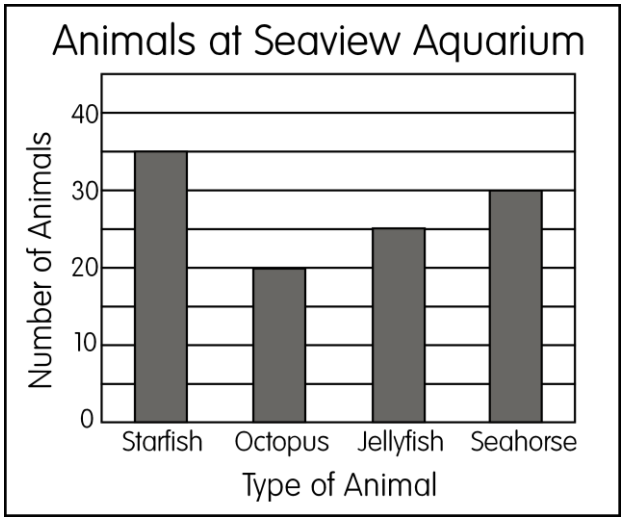
C. 6 more

D. 1 more

Graphing: 3.MD.3 KEY

Name:_____

Use the graph below to answer questions 1-2.



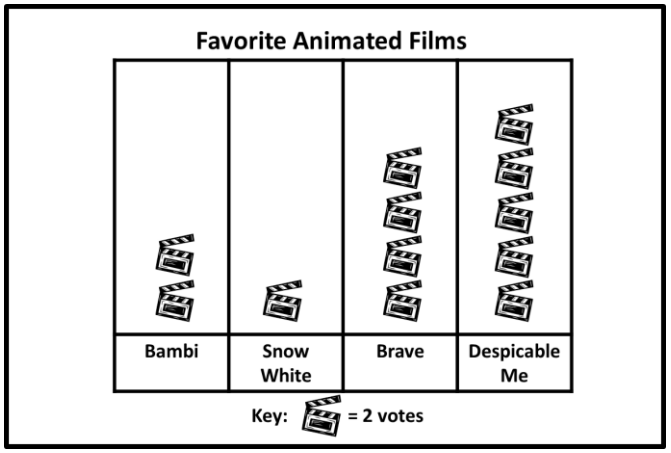
1. How many more starfish were at the aquarium than jellyfish?

10 more

2. How many seahorses were at the aquarium?

A. 30 B. 25 C. 35

Use the graph below to answer questions 3-4.



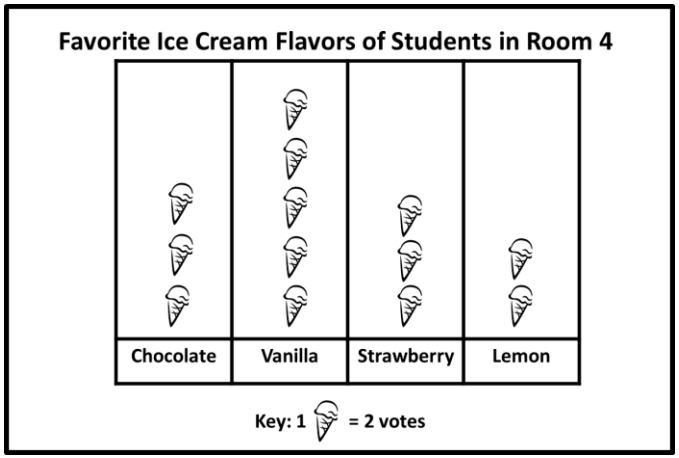
3. How many more people chose Brave as their favorite movie than Snow White?

A. 2 more
B. 4 more
C. 6 more
D. 8 more

4. How many more people picked Despicable Me than Bambi?

6 more

Use the graph below to answer questions 4-5.



4. How many people picked chocolate and strawberry ice cream?

12 people

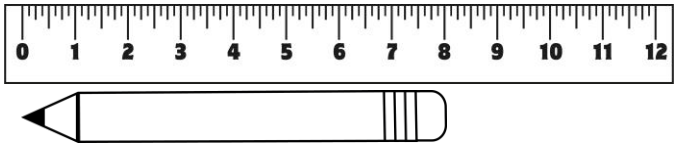
5. How many more people picked strawberry than lemon?

A. 2 more
B. 4 more
C. 6 more
D. 1 more

Line Plots: 3.MD.4

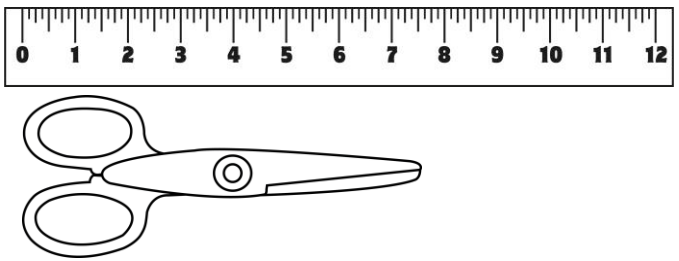
Name:_____

1. How long is the pencil below?



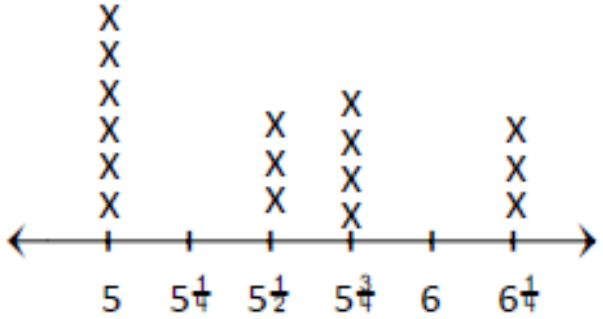
A. 6 inches
B. 7 inches
C. 8 inches
D. 9 inches

2. How long are the scissors below?



_____

Use the line plot to answer the questions below.



Mrs. Tabrizi's class has a class garden. They each grew their own potato and then measured them. They recorded their findings in a line plot. Each X represents 1 student.

3. How many more students had a potato that measured $5\frac{3}{4}$ inches than $5\frac{1}{2}$ inches?

_____

4. How many less students had a potato that measured $5\frac{3}{4}$ inches than 5 inches?

_____

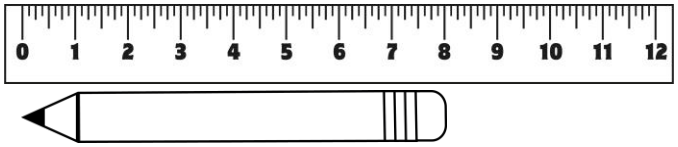
Use the data to create your own line plot.

5. Maddie measured the length of all the pencils in her pencil box. She had six pencils that were 5 inches long, two pencils that were $5\frac{1}{2}$ inches long, three pencils that were $5\frac{3}{4}$ inches long, and three pencils that were $5\frac{1}{4}$ inches long. Draw a line plot to show how long all of her pencils are.

Line Plots: 3.MD.4 KEY

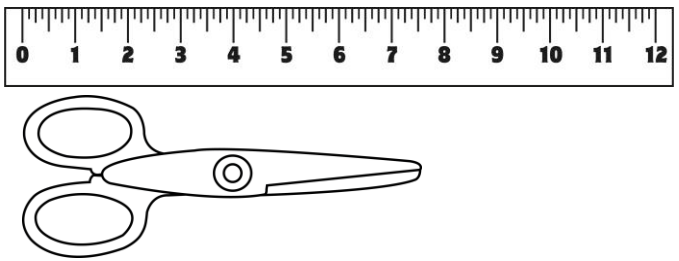
Name:_____

1. How long is the pencil below?



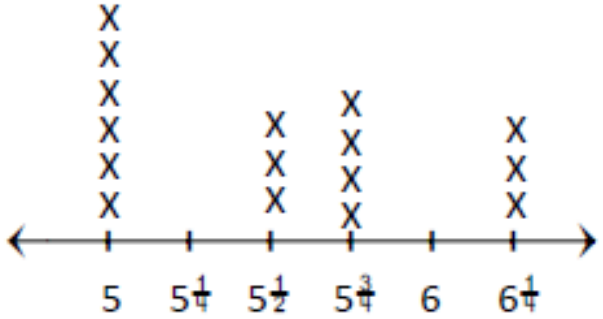
A. 6 inches
B. 7 inches
C. 8 inches
D. 9 inches

2. How long are the scissors below?



$7\frac{1}{2}$ inches

Use the line plot to answer the questions below.



Mrs. Tabrizi's class has a class garden. They each grew their own potato and then measured them. They recorded their findings in a line plot. Each X represents 1 student.

3. How many more students had a potato that measured $5\frac{3}{4}$ inches than $5\frac{1}{2}$ inches?

1 more student

4. How many less students had a potato that measured $5\frac{3}{4}$ inches than 5 inches?

2 less students

Use the data to create your own line plot.

5. Maddie measured the length of all the pencils in her pencil box. She had six pencils that were 5 inches long, two pencils that were $5\frac{1}{2}$ inches long, three pencils that were $5\frac{3}{4}$ inches long, and three pencils that were $5\frac{1}{4}$ inches long. Draw a line plot to show how long all of her pencils are.

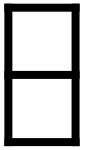
Grade student work individually.

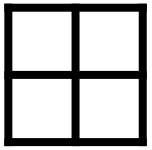
Area With Square Units: 3.MD.5

Name:_____

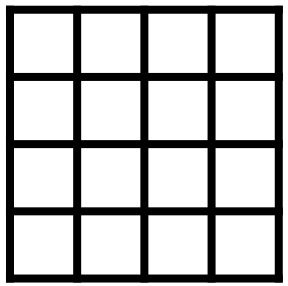
1. Which picture shows one square unit?

A. 

B. 

C. 

2. Below is a picture of square inches (not to scale). What is the area of the picture?

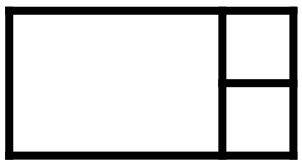


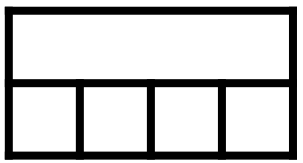
A. 4 square inches
B. 8 square inches
C. 16 square inches
D. 20 square inches

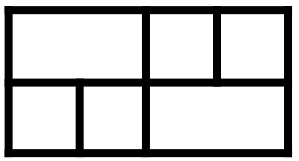
3. What is NOT a way to show the area of the shape in #2?

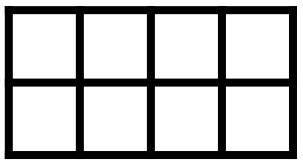
A. 4 x 4 = a
B. 4 + 4 + 4 + 4 = a
C. 4 + 4 = a

4. What is the correct way to measure the area of the shape below using square units?

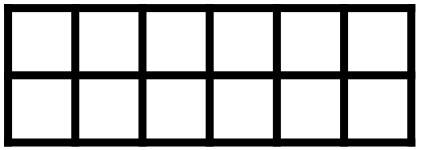






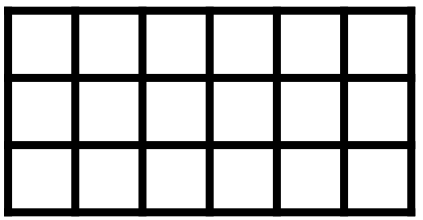


5. Below is a picture of square inches (not to scale). What is the area of the picture?



A. 6 square inches
B. 12 square inches
C. 10 square inches
D. 18 square inches

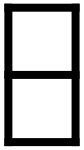
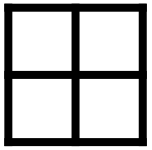
6. Below is a picture of square inches (not to scale). What is the area of the picture?



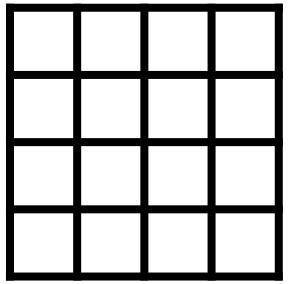
Area With Square Units: 3.MD.5
KEY

Name:_____

1. Which picture shows one square unit?

A.  B.  C. 

2. Below is a picture of square inches (not to scale). What is the area of the picture?

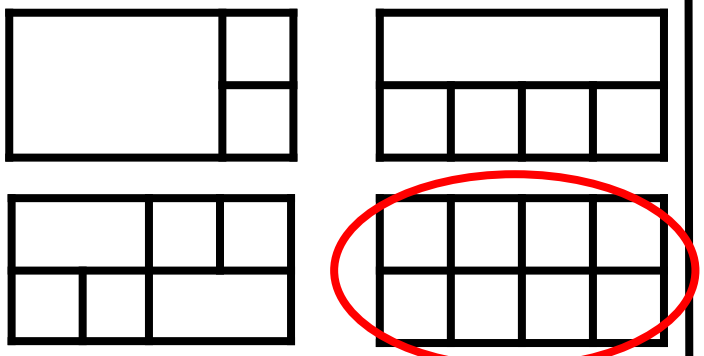


A. 4 square inches
B. 8 square inches
C. 16 square inches
D. 20 square inches

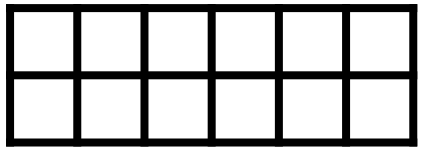
3. What is NOT a way to show the area of the shape in #2?

A. 4 x 4 = a
B. 4 + 4 + 4 + 4 = a
C. 4 + 4 = a

4. What is the correct way to measure the area of the shape below using square units?

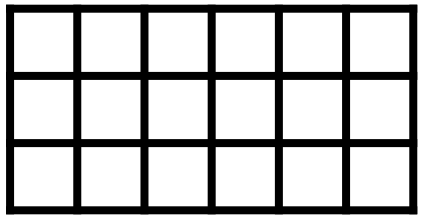


5. Below is a picture of square inches (not to scale). What is the area of the picture?



A. 6 square inches
B. 12 square inches
C. 10 square inches
D. 18 square inches

6. Below is a picture of square inches (not to scale). What is the area of the picture?

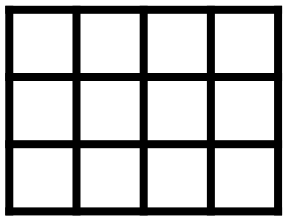


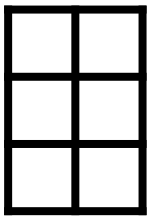
18 square inches

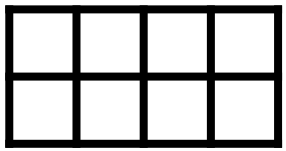
Measuring Area: 3.MD.6

Name:_____

Below are shapes made up of square centimeters (not to scale). Write the area of each shape.

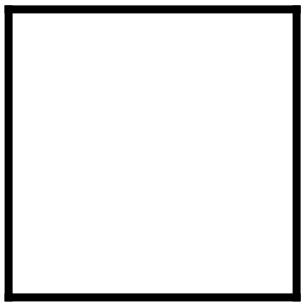
1.  _____

2.  _____

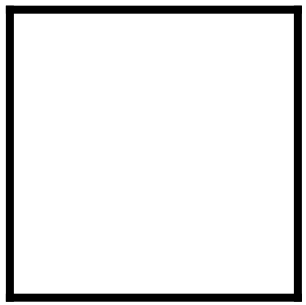
3.  _____

4.  _____

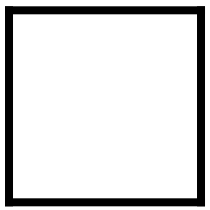
3. Fill in the shape below so that the area equals 16 square units.



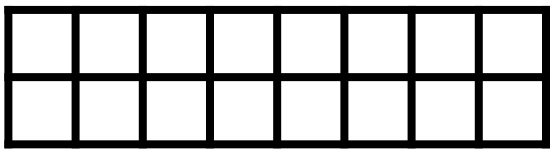
4. Fill in the shape below so that the area equals 9 square units.



5. Fill in the shape below so that the area equals 4 square units.

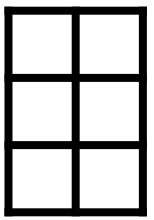


5. Below is a picture of square inches (not to scale). What is the area of the picture?



A. 16 square inches
B. 22 square inches
C. 10 square inches
D. 18 square inches

6. Below is a picture of square inches (not to scale). What is the area of the picture?

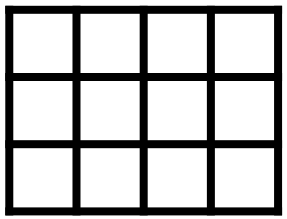


_____

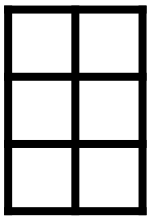
Measuring Area: 3.MD.6 KEY

Name:_____

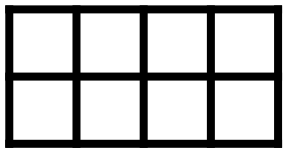
Below are shapes made up of square centimeters (not to scale). Write the area of each shape.

1. 

12 sq. cm

2. 

6 sq. cm

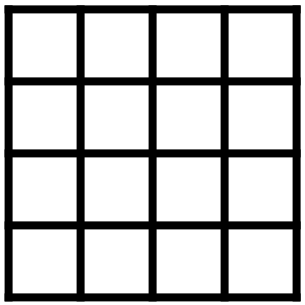
3. 

8 sq. cm

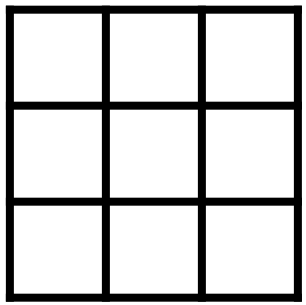
4. 

4 sq. cm

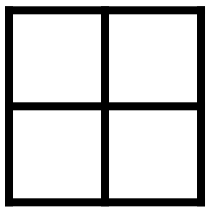
3. Fill in the shape below so that the area equals 16 square units.



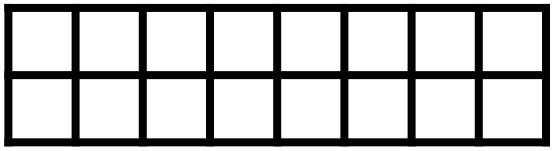
4. Fill in the shape below so that the area equals 9 square units.



5. Fill in the shape below so that the area equals 4 square units.



5. Below is a picture of square inches (not to scale). What is the area of the picture?



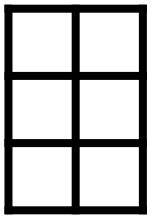
A. 16 square inches

B. 22 square inches

C. 10 square inches

D. 18 square inches

6. Below is a picture of square inches (not to scale). What is the area of the picture?

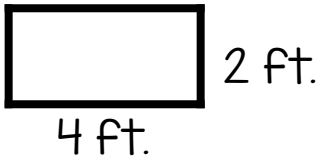


6 square inches

Finding Area: 3.MD.7

Name:_____

1. What is the area of the shape below?



A. 4 square feet

B. 2 square feet

C. 8 square feet

D. 6 square feet

2. In what situation would you need to find the area?

A. How many stones to put around your garden.

B. How much wood needed for a picture frame.

C. How much fencing to put around the playground.

D. How much grass to lay in your yard.

3. Cassie has a tile with an area of 30 square inches. What could be the length (l) and width (w) of the tile?

A. l=3 w=3

B. l=10 w=30

C. l=6 w=5

4. Abbas has a garden plot with an area of 24 feet. What could be the length (l) and width (w) of the plot?

A. l=6 w=4

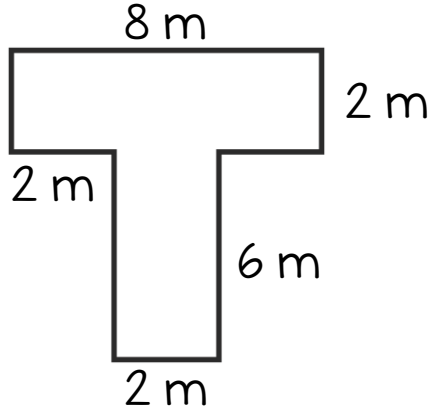
B. l=3 w=7

C. l=12 w=12

5. Krista has a small brownie pan in her kitchen. The area of the brownie pan is 16 inches. What could be the length (l) and width (w) of the pan?

A. l=4 w=12 B. l=4 w=4

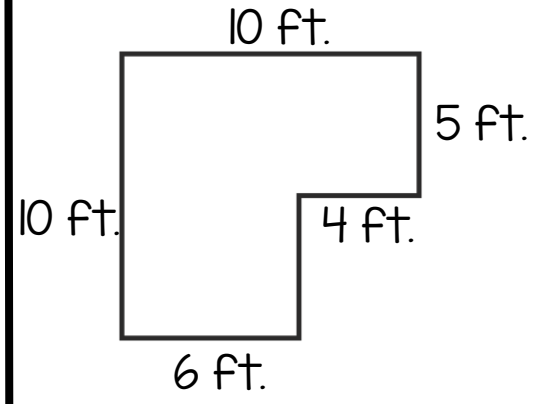
6. What is the area of the shape below?



A. 20 square meters

B. 28 square meters

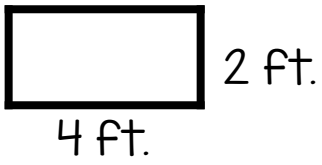
7. Mrs. Johnson's class built a unique stage for their play. What is the area of their stage?



Finding Area: 3.MD.7 KEY

Name:_____

1. What is the area of the shape below?



A. 4 square feet
B. 2 square feet
C. 8 square feet
D. 6 square feet

2. In what situation would you need to find the area?

A. How many stones to put around your garden.

B. How much wood needed for a picture frame.

C. How much fencing to put around the playground.

D. How much grass to lay in your yard.

3. Cassie has a tile with an area of 30 square inches. What could be the length (l) and width (w) of the tile?

A. l=3 w=3
B. l=10 w=30
C. l=6 w=5

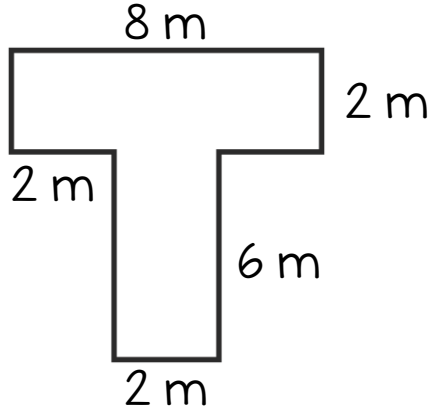
4. Abbas has a garden plot with an area of 24 feet. What could be the length (l) and width (w) of the plot?

A. l=6 w=4
B. l=3 w=7
C. l=12 w=12

5. Krista has a small brownie pan in her kitchen. The area of the brownie pan is 16 inches. What could be the length (l) and width (w) of the pan?

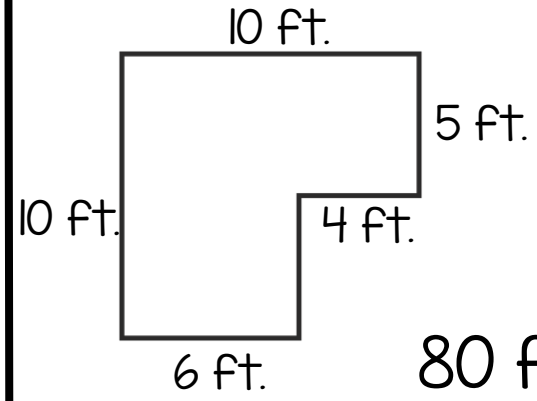
A. l=4 w=12 B. l=4 w=4

6. What is the area of the shape below?



A. 20 square meters
B. 28 square meters

7. Mrs. Johnson's class built a unique stage for their play. What is the area of their stage?



80 ft.^{2}

Perimeter and Area: 3.MD.8

Name:_____

1. Sarah just bought a new pair of shoes. What is the perimeter of her shoebox?

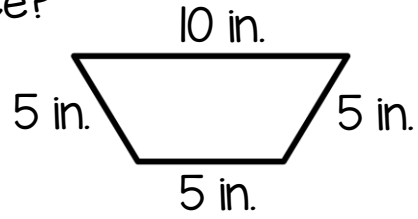
A. 91 in.

B. 14 in.

C. 26 in.

D. 40 in.

2. Shawn builds a fence out of blocks to protect his castle. What is the perimeter of his fence?



A. 50 inches

B. 20 inches

C. 25 inches

D. 15 inches

3. The perimeter of a square tile is 16 inches. How long is each side of the tile?

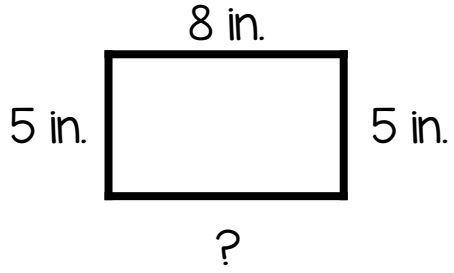
A. 16 in.

B. 6 in.

C. 4 in.

D. 10 in.

4. Jackson is building a fence around his sandbox. How many feet of wood does he need to finish his fence?



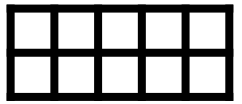
A. 8 ft.

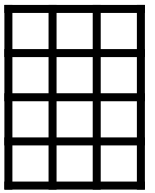
B. 5 ft.

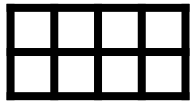
C. 13 ft.

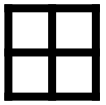
D. 26 ft.

5. Violet is making a square fence to go around her garden. The perimeter of her fence is 12 ft. What shape could allow Violet's fence to have the same perimeter but a different area?

A. 

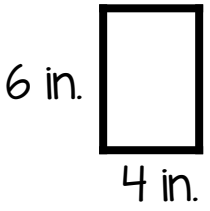
B. 

C. 

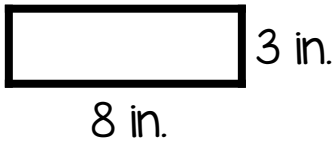
D. 

7. Meg is putting stickers around the edge of her picture frame. She only has 20 one inch stickers. Which frame outline does she have enough stickers for?

A.



B.



Perimeter and Area: 3.MD.8 KEY

Name:_____

1. Sarah just bought a new pair of shoes. What is the perimeter of her shoebox?

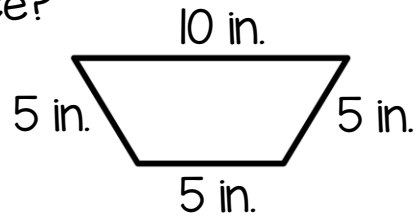
A. 91 in.

B. 14 in.

C. 26 in.

D. 40 in.

2. Shawn builds a fence out of blocks to protect his castle. What is the perimeter of his fence?



A. 50 inches

B. 20 inches

C. 25 inches

D. 15 inches

3. The perimeter of a square tile is 16 inches. How long is each side of the tile?

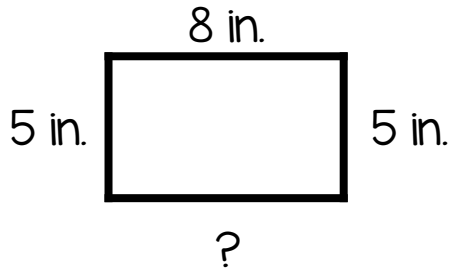
A. 16 in.

B. 6 in.

C. 4 in.

D. 10 in.

4. Jackson is building a fence around his sandbox. How many feet of wood does he need to finish his fence?



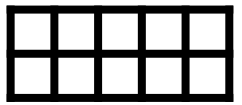
A. 8 ft.

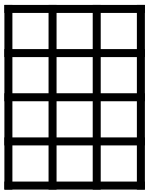
B. 5 ft.

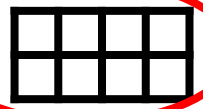
C. 13 ft.

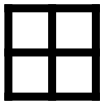
D. 26 ft.

5. Violet is making a square fence to go around her garden. The perimeter of her fence is 12 ft. What shape could allow Violet's fence to have the same perimeter but a different area?

A. 

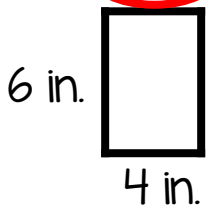
B. 

C. 

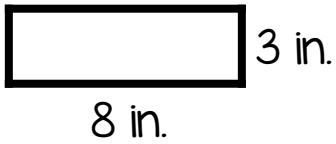
D. 

7. Meg is putting stickers around the edge of her picture frame. She only has 20 one inch stickers. Which frame outline does she have enough stickers for?

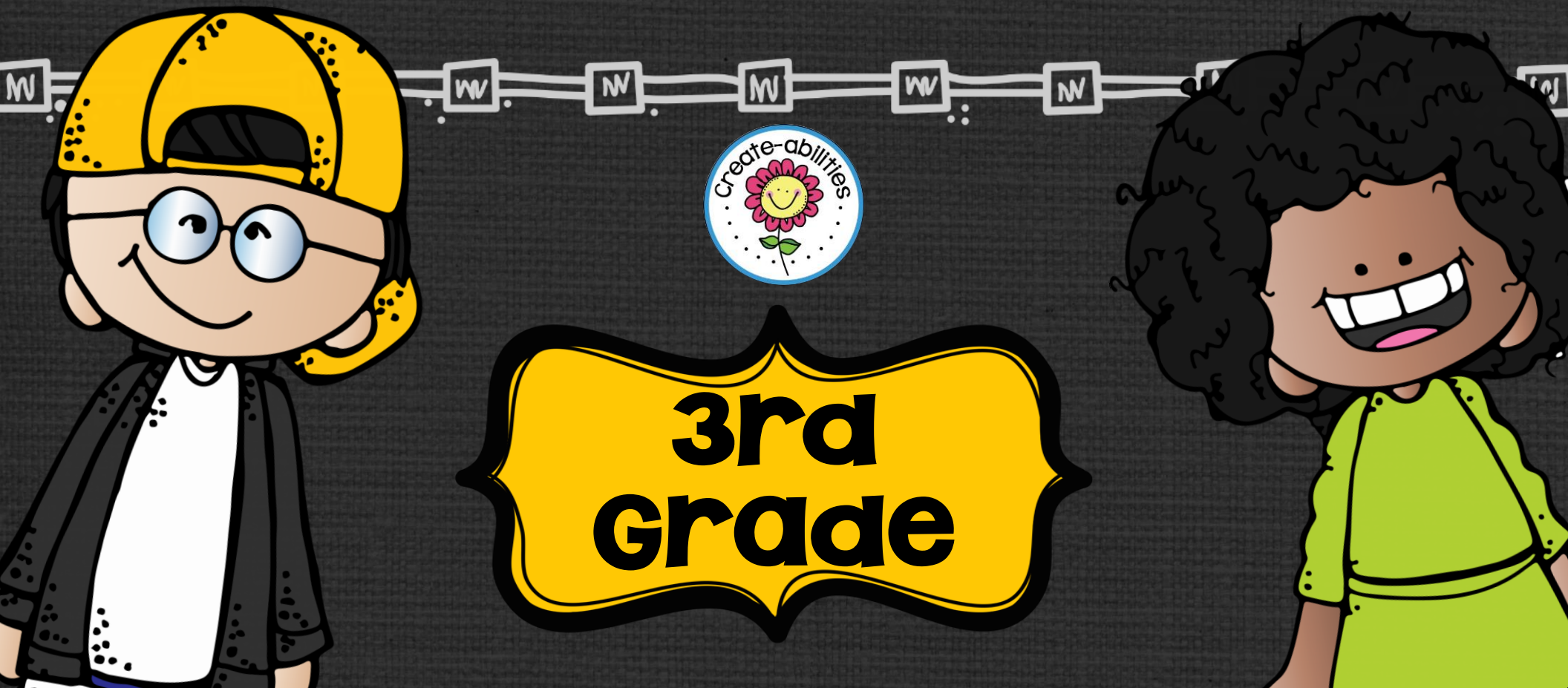
A.



B.



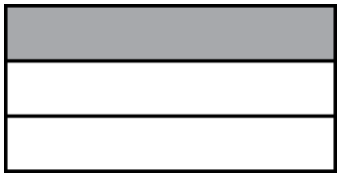
Fractions Assessments



Fractions: 3.NF.1

Name:_____

1. What fraction of the picture below is shaded?

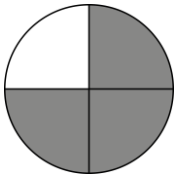


_____

2. What fraction of the picture below is shaded?

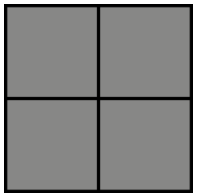
_____

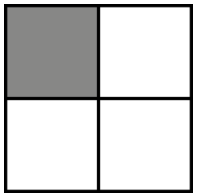
3. What fraction of the picture below is shaded?

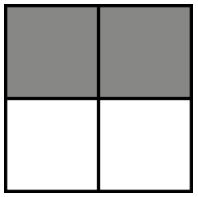


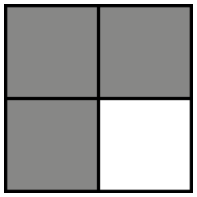
_____

4. Which picture correctly represents $\frac{1}{4}$?

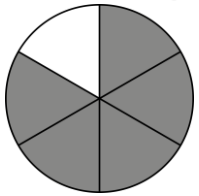
A. 

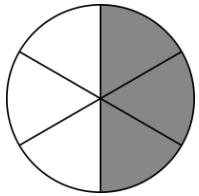
B. 

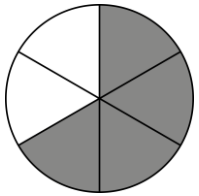
C. 

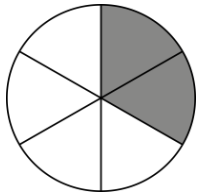
D. 

5. Which picture correctly represents $\frac{2}{6}$?

A. 

B. 

C. 

D. 

6. Abbas has six tacos. Three of them had cheese on top. Write a fraction to show how many tacos had cheese on them.

_____

7. Paul has four baseball cards. three of them are girls. Write a fraction that shows how many of the cards are BOYS.

_____

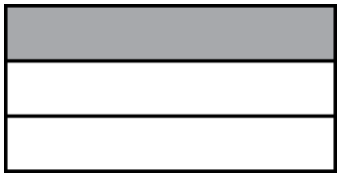
8. The farm has eight horses. Three of them are black. Write a fraction that shows how many of the horses are black.

_____

Fractions: 3.NF.1 KEY

Name:_____

1. What fraction of the picture below is shaded?

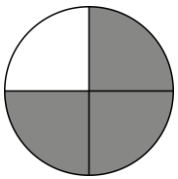


$\frac{1}{3}$

2. What fraction of the picture below is shaded?

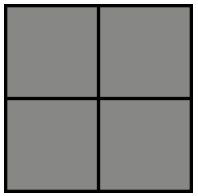
$\frac{4}{6}$

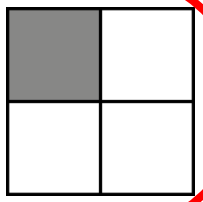
3. What fraction of the picture below is shaded?

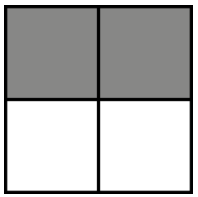


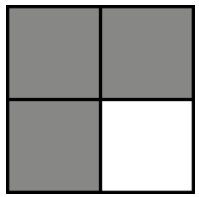
$\frac{3}{4}$

4. Which picture correctly represents $\frac{1}{4}$?

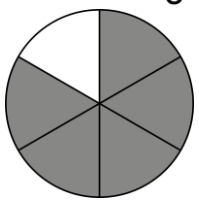
A. 

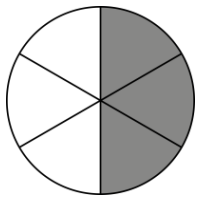
B. 

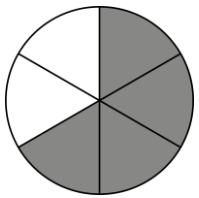
C. 

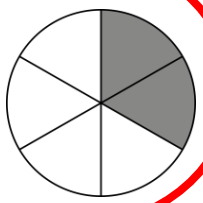
D. 

5. Which picture correctly represents $\frac{2}{6}$?

A. 

B. 

C. 

D. 

6. Abbas has six tacos. Three of them had cheese on top. Write a fraction to show how many tacos had cheese on them.

$\frac{3}{6}$

7. Paul has four baseball cards. three of them are girls. Write a fraction that shows how many of the cards are BOYS.

$\frac{1}{4}$

8. The farm has eight horses. Three of them are black. Write a fraction that shows how many of the horses are black.

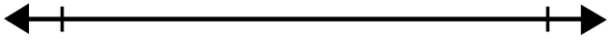
$\frac{3}{8}$

Fractions and Number Lines: 3.NF.2

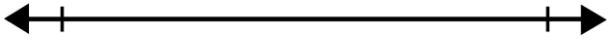
Name:_____

1. Where would $\frac{1}{3}$ be on the number line?

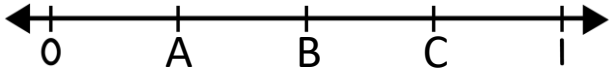
2. Where would $\frac{4}{8}$ be on the number line?



3. Where would $\frac{2}{3}$ be on the number line?

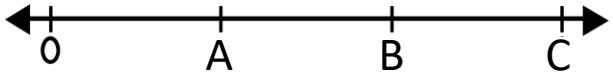


4. Which letter represents $\frac{3}{4}$ on the number line?



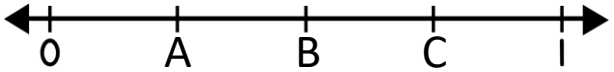
A. A
B. B
C. C

5. Which letter represents $\frac{1}{3}$ on the number line?



A. A
B. B
C. C

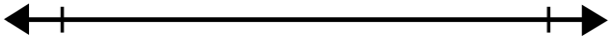
6. Which number represents $\frac{1}{4}$ on the number line?



A. A
B. B
C. C

7. Max's dog Bubbles just had six puppies. Two of those puppies are brown. Mark off the fraction of puppies that are brown on the number line below.

8. Lena is buying fruit at the grocery store. She buys eight pieces altogether. Three of those are bananas. Mark off the fraction of fruit that are bananas on the number line below.

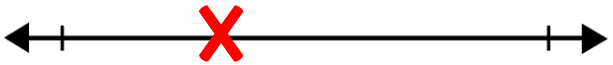


Fractions and Number Lines: 3.NF.2

Name:_____

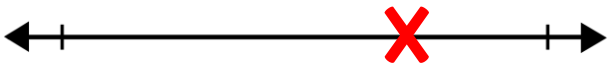
KEY

1. Where would $\frac{1}{3}$ be on the number line?

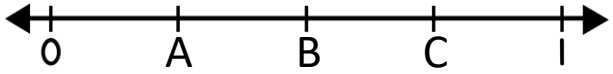


2. Where would $\frac{4}{8}$ be on the number line?

3. Where would $\frac{2}{3}$ be on the number line?

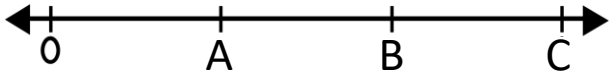


4. Which letter represents $\frac{3}{4}$ on the number line?



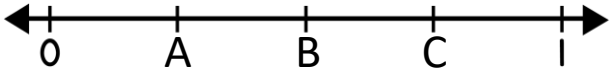
A. A
B. B
C. C

5. Which letter represents $\frac{1}{3}$ on the number line?



A. A
B. B
C. C

6. Which number represents $\frac{1}{4}$ on the number line?



A. A
B. B
C. C

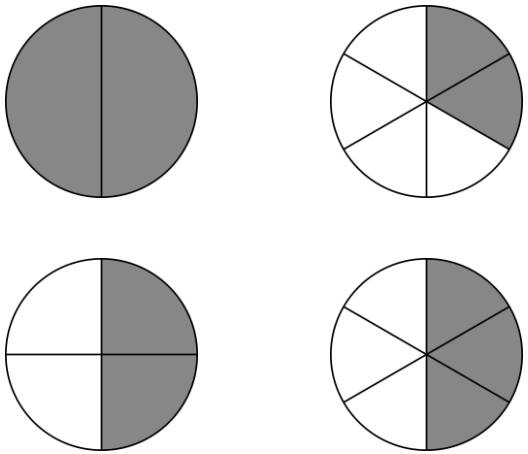
7. Max's dog Bubbles just had six puppies. Two of those puppies are brown. Mark off the fraction of puppies that are brown on the number line below.

8. Lena is buying fruit at the grocery store. She buys eight pieces altogether. Three of those are bananas. Mark off the fraction of fruit that are bananas on the number line below.

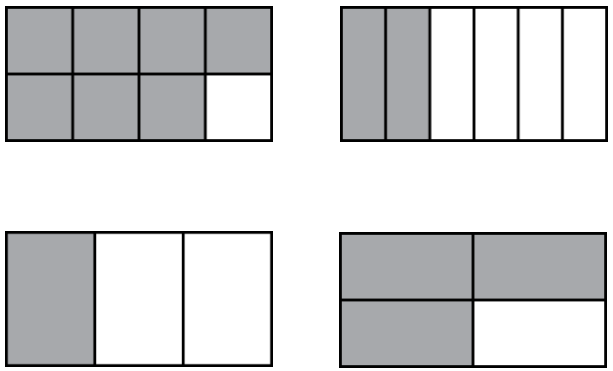
Equivalent Fractions: 3.NF.3

Name:_____

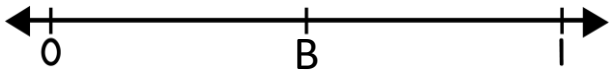
1. Circle the two fractions below that are equivalent.



2. Circle the two fractions below that are equivalent.



3. Which two fractions belong on point B?

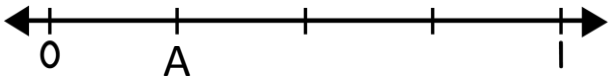


A. $\frac{2}{3}$ and $\frac{2}{4}$

B. $\frac{1}{4}$ and $\frac{3}{5}$

C. $\frac{1}{2}$ and $\frac{2}{4}$

4. Which two fractions belong on point A?



A. $\frac{1}{4}$ and $\frac{2}{8}$

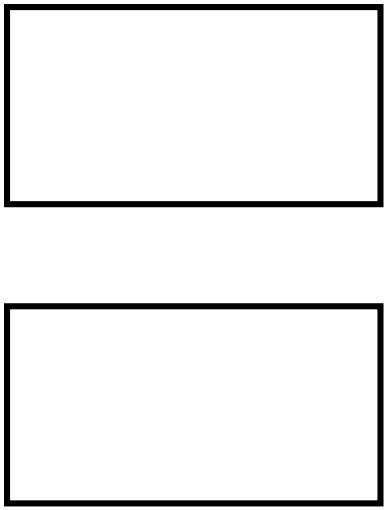
B. $\frac{1}{2}$ and $\frac{2}{4}$

C. $\frac{3}{8}$ and $\frac{1}{3}$

D. $\frac{2}{8}$ and $\frac{2}{6}$

7. Write three equivalent fractions for one-half.

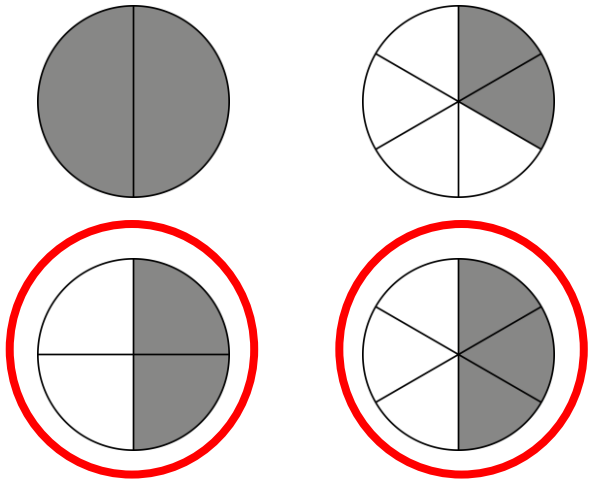
8. Split the two shapes into equivalent fractions.



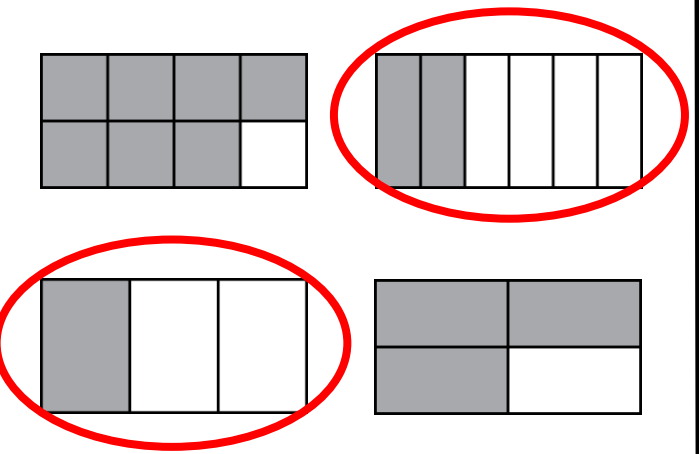
Equivalent Fractions: 3.NF.3 KEY

Name:_____

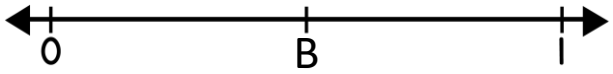
1. Circle the two fractions below that are equivalent.



2. Circle the two fractions below that are equivalent.



3. Which two fractions belong on point B?

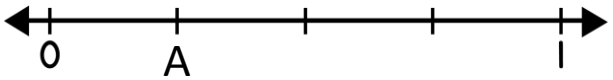


A. $\frac{2}{3}$ and $\frac{2}{4}$

B. $\frac{1}{4}$ and $\frac{3}{5}$

C. $\frac{1}{2}$ and $\frac{2}{4}$

4. Which two fractions belong on point A?



A. $\frac{1}{4}$ and $\frac{2}{8}$

B. $\frac{1}{2}$ and $\frac{2}{4}$

C. $\frac{3}{8}$ and $\frac{1}{3}$

D. $\frac{2}{8}$ and $\frac{2}{6}$

7. Write three equivalent fractions for one-half.

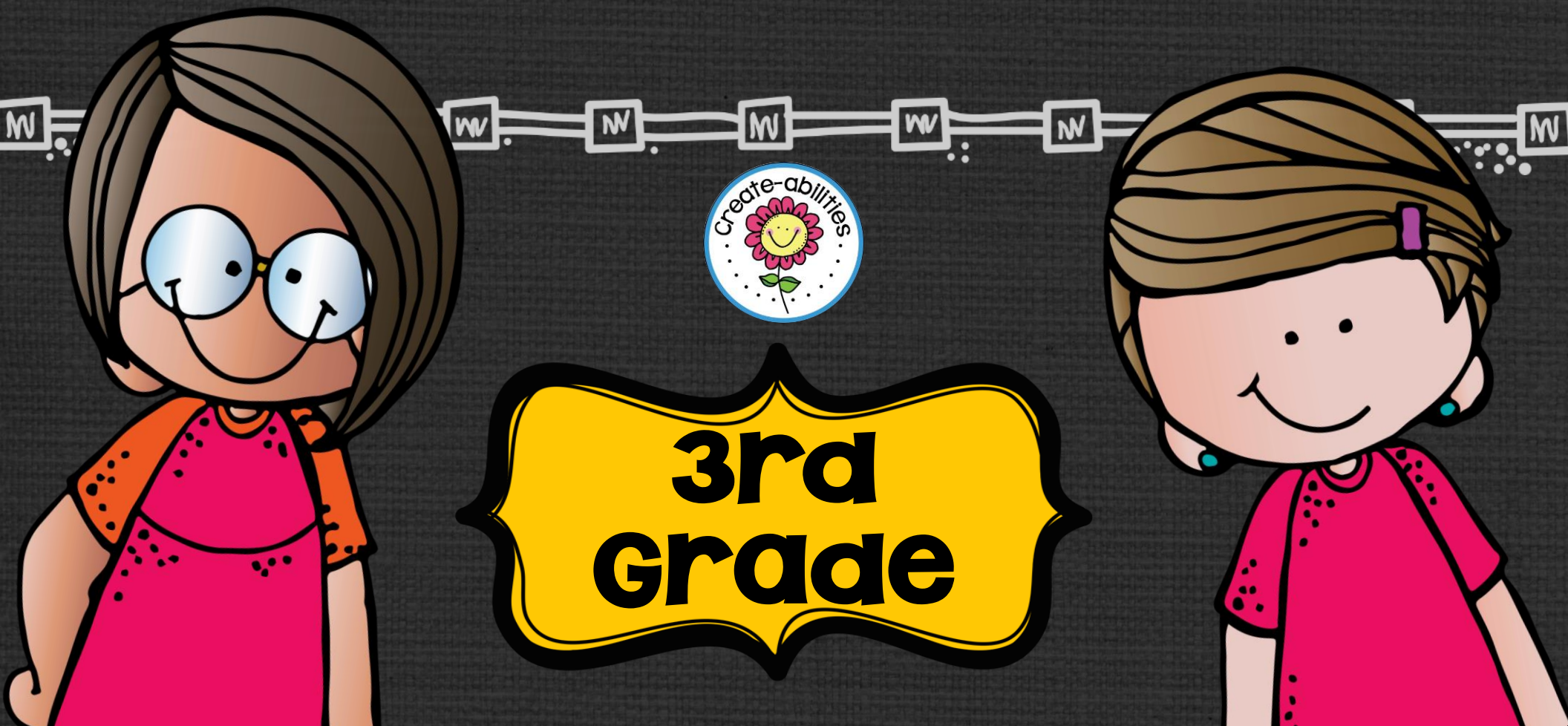
Answers will vary but could include:

$\frac{1}{2}$ $\frac{2}{4}$ $\frac{3}{6}$ $\frac{4}{8}$

8. Split the two shapes into equivalent fractions.

Answers will vary. Grade student work individually.

Geometry Assessments



3rd Grade

Shapes and Their Attributes: 3.G.1

Name:_____

1. Which of these polygons have only right angles?

A. trapezoid
B. rhombus
C. square

2. Which of these polygons have NO right angles?

A. kite
B. rectangle
C. square

3. Which of these shapes does NOT have two sets of parallel lines?

A. parallelogram
B. trapezoid
C. square

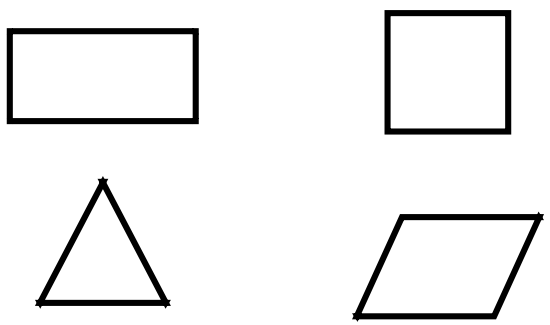
4. Which shape has two sets of parallel lines?

A. triangle
B. trapezoid
C. parallelogram

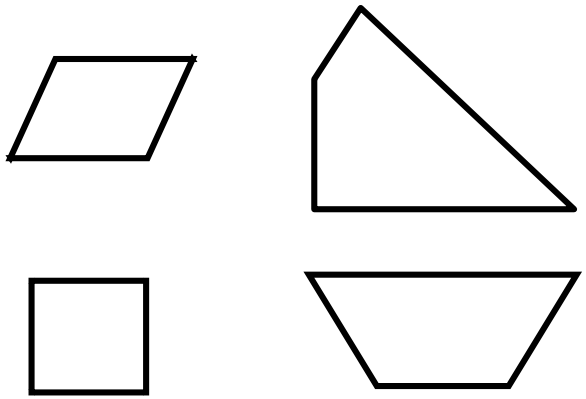
5. Which shape has only one set of parallel lines?

A. triangle
B. square
C. trapezoid

6. Circle the shape that is NOT a parallelogram.



7. Circle the polygon that is an irregular polygon.



8. Draw a polygon that is a quadrilateral.

9. Draw a polygon that has 4 sides and 4 right angles.

Shapes and Their Attributes: 3.G.1 KEY

Name:_____

1. Which of these polygons have only right angles?

A. trapezoid
B. rhombus
C. square

2. Which of these polygons have NO right angles?

A. kite
B. rectangle
C. square

3. Which of these shapes does NOT have two sets of parallel lines?

A. parallelogram
B. trapezoid
C. square

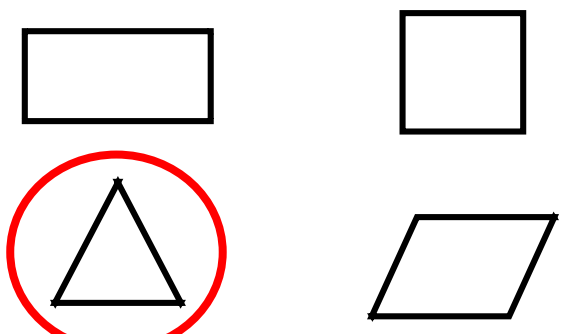
4. Which shape has two sets of parallel lines?

A. triangle
B. trapezoid
C. parallelogram

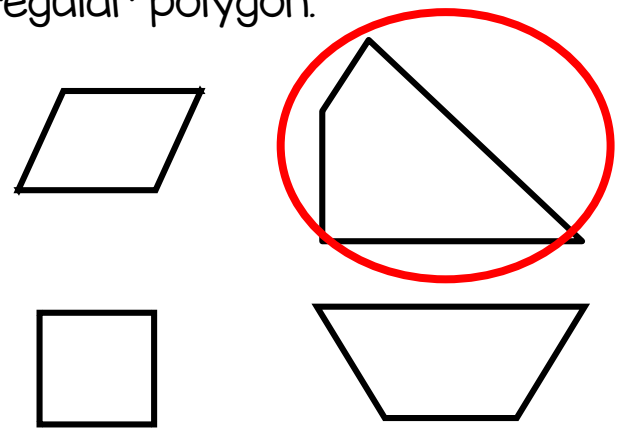
5. Which shape has only one set of parallel lines?

A. triangle
B. square
C. trapezoid

6. Circle the shape that is NOT a parallelogram.



7. Circle the polygon that is an irregular polygon.



8. Draw a polygon that is a quadrilateral.

Grade student work individually.

9. Draw a polygon that has 4 sides and 4 right angles.

Grade student work individually.

Partitioning Shapes: 3.G.2

Name:_____

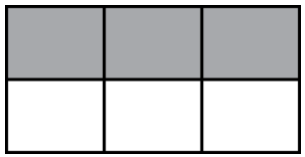
1. Which sentence describes the picture below?

A. 1 out of 3 parts are shaded

B. 2 out of 3 parts are shaded

C. 1 out of 1 part is shaded

2. Which sentence describes the picture below?

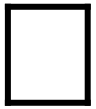


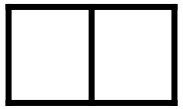
A. 2 out of 4 parts are shaded

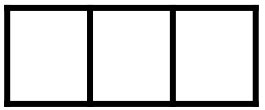
B. 1 out of 1 parts are shaded

C. 3 out of 6 part is shaded

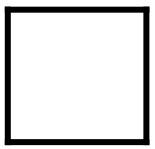
3. Which polygon is equivalent to $\frac{1}{4}$ of the shape below?

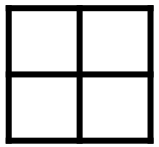
A. 

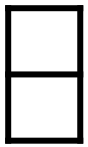
B. 

C. 

4. Which polygon is equivalent to $\frac{2}{4}$ of the shape below?

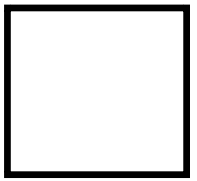


A. 

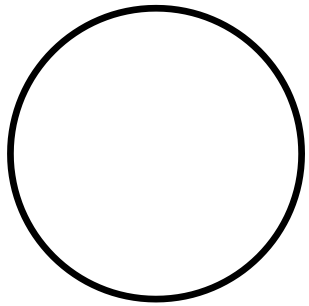
B. 

5. Split the shape below into thirds.

6. Split the shape below into halves.



7. Split the shape below into fourths.



Partitioning Shapes: 3.G.2 KEY

Name:_____

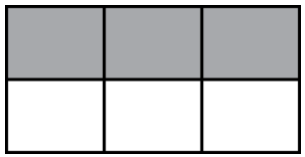
1. Which sentence describes the picture below?

A. 1 out of 3 parts are shaded

B. 2 out of 3 parts are shaded

C. 1 out of 1 part is shaded

2. Which sentence describes the picture below?

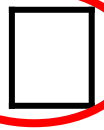


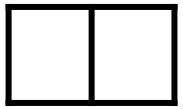
A. 2 out of 4 parts are shaded

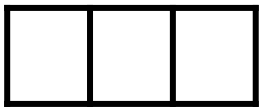
B. 1 out of 1 parts are shaded

C. 3 out of 6 part is shaded

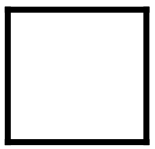
3. Which polygon is equivalent to $\frac{1}{4}$ of the shape below?

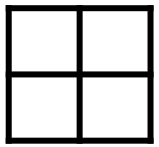
A. 

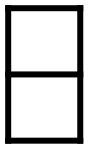
B. 

C. 

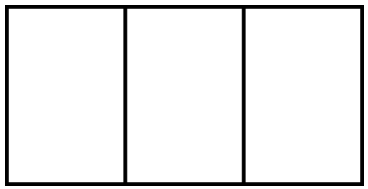
4. Which polygon is equivalent to $\frac{2}{4}$ of the shape below?



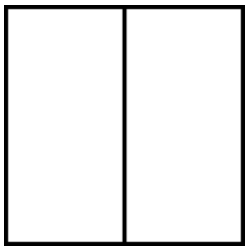
A. 

B. 

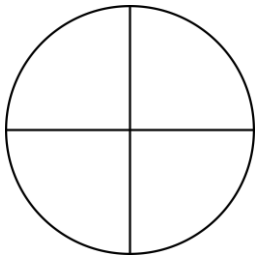
5. Split the shape below into thirds.



6. Split the shape below into halves.



7. Split the shape below into fourths.



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