

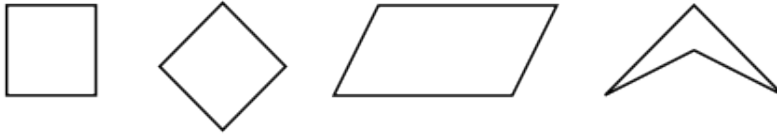
TEST NAME: NC Check In #3 Review - Rockwell
TEST ID: 2975749
GRADE: 03 - Third Grade
SUBJECT: Mathematics
TEST CATEGORY: My Classroom

Student: _____

Class: _____

Date: _____

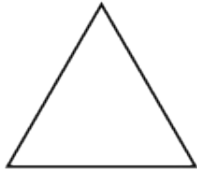
1. Which statement describes all four polygons below?



- A. All figures are squares.
- B. All figures are quadrilaterals.
- C. All figures have parallel sides.
- D. All figures have sides of equal lengths.

2. Which shape is a quadrilateral?

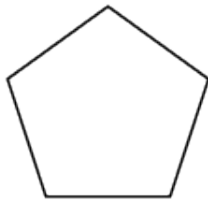
A.



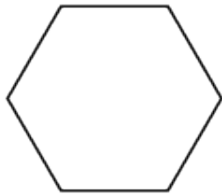
B.



C.



D.



3. Marissa ate a sandwich shaped like a square. Which word also describes the sandwich?

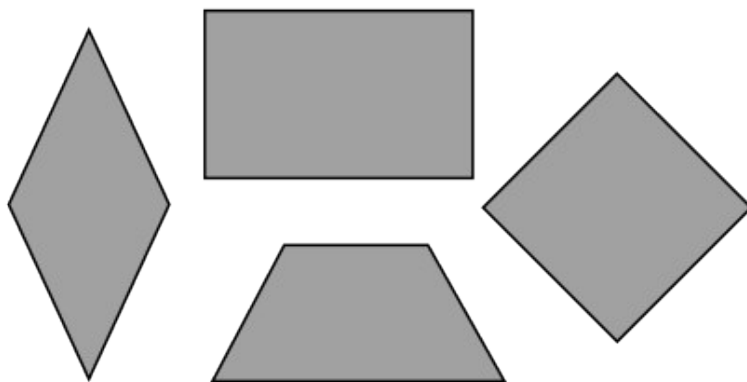
A. octagon

B. pentagon

C. rhombus

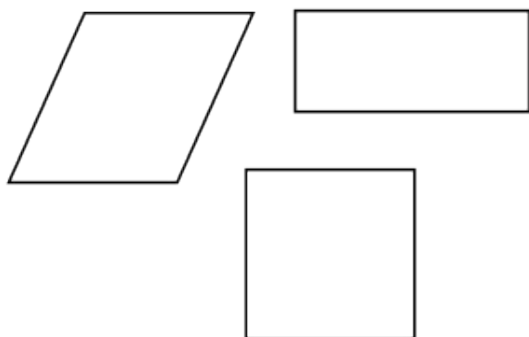
D. trapezoid

4. Which statement describes **all** the figures below?

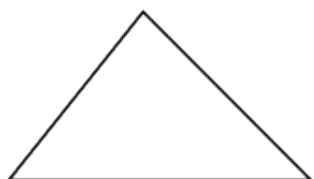


- A They are all squares.
- B They are all rectangles.
- C They are all trapezoids.
- D They are all quadrilaterals.

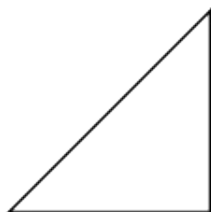
5. Which figure belongs in the group of shapes below?



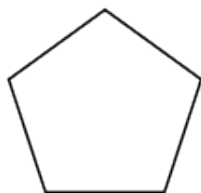
A.



B.



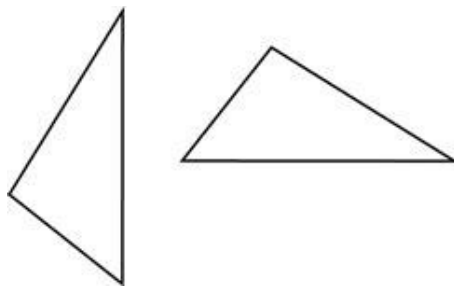
C.



D.

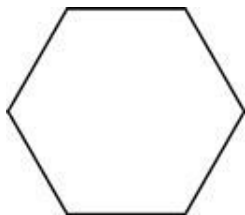


6. A new figure was made by combining these triangles, without overlapping.

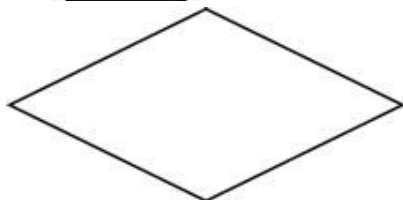


Which shape could be the new figure?

A.



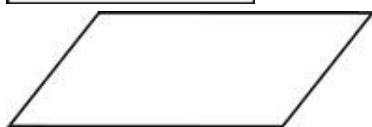
B.



C.



D.



7. Which term describes the figure below?



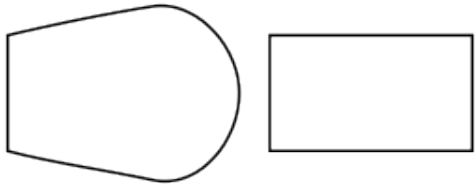
- A. rectangle
- B. rhombus
- C. square
- D. trapezoid

8. Which choice shows a pair of quadrilaterals?

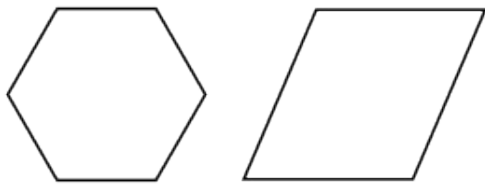
A.



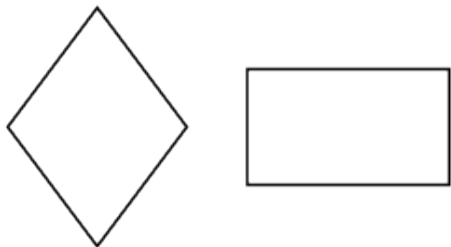
B.



C.

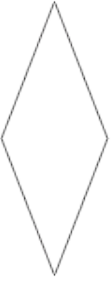


D.



9. Claudia's teacher drew a trapezoid on the board. Which figure did she draw?

A.



B.



C.



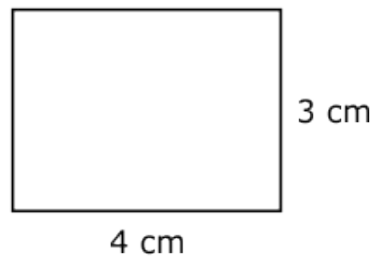
D.



10. What do a square and a rhombus have in common?

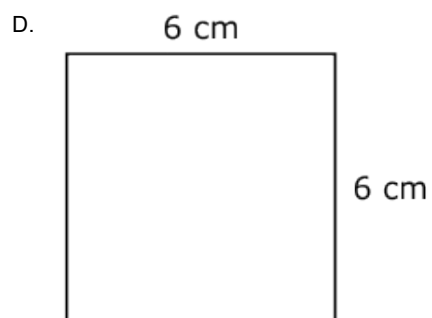
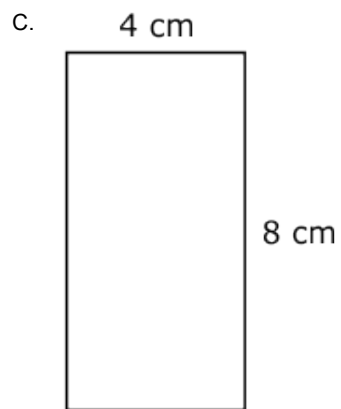
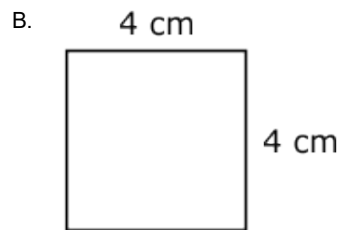
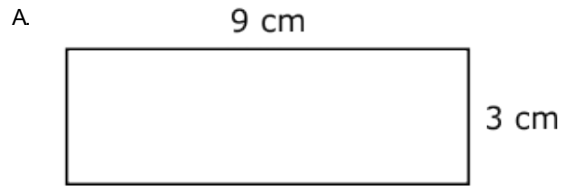
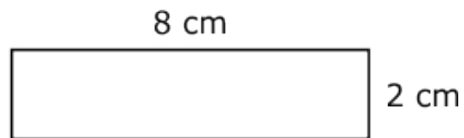
- A. Both shapes have only 3 sides.
- B. Both shapes have 4 right angles.
- C. Both shapes have only 1 set of parallel sides.
- D. Both shapes have 4 sides that are all equal in length.

11. Mike has a carpet that is 10 inches long and 5 inches wide. What is the area of the carpet?
- A. 50 square inches
 - B. 30 square inches
 - C. 15 square inches
 - D. 5 square inches
12. How many 1-cm square tiles will be needed to cover this rectangle?



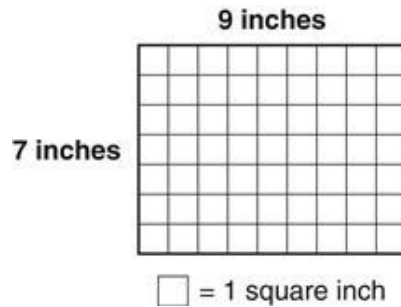
- A. 24 tiles
- B. 14 tiles
- C. 12 tiles
- D. 7 tiles

13. Which figure has the same area as the rectangle below?

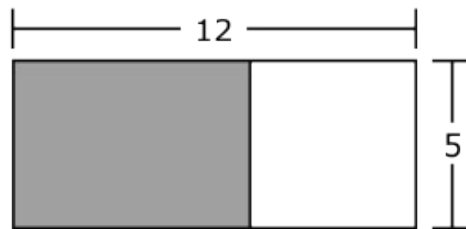


14. In a rectangular figure, how many tiles across will make the area 18 when there are 9 tiles down?
- A. 2
 - B. 9
 - C. 18
 - D. 27

15. What is the area of the figure below?

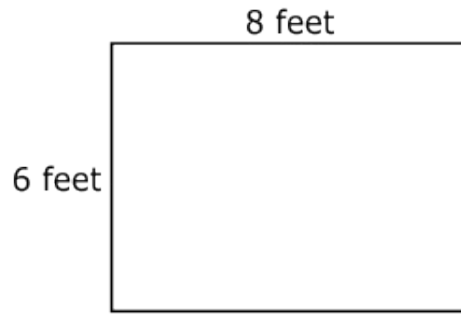


- A. 16 square inches
 - B. 18 square inches
 - C. 32 square inches
 - D. 63 square inches
16. Which expression does the area model represent?



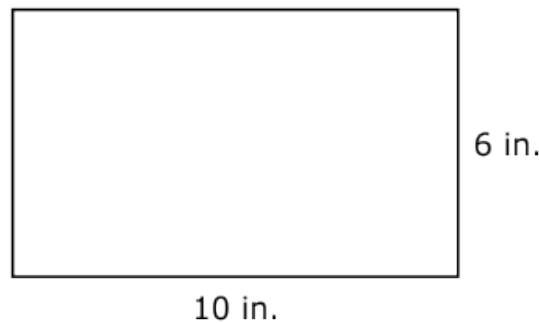
- A. $5 + (10 + 2)$
- B. $5 + (10 \times 2)$
- C. $5 \times (10 + 2)$
- D. $5 \times (10 \times 2)$

17. What is the area of the rectangle below?



- A 14 square feet
- B. 28 square feet
- C. 48 square feet
- D. 56 square feet

18. Mr. Shelby showed his class this rectangle.



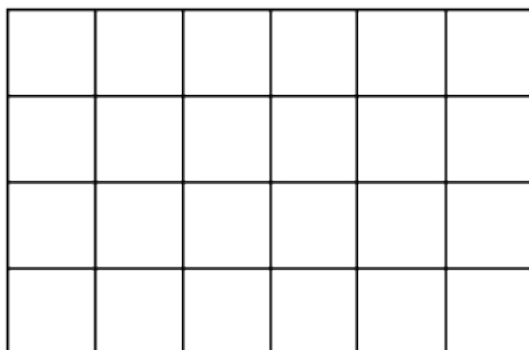
What is the area of the rectangle?

- A 32 sq in.
- B. 36 sq in.
- C. 60 sq in.
- D. 100 sq in.

19. **The area of a rectangular photograph is 6 square inches. Which measurements could be the length and width of this photograph?**

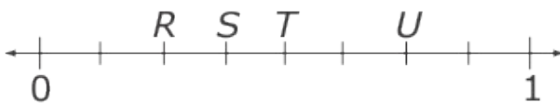
- A length = 6 inches, width = 2 inches
- B. length = 5 inches, width = 1 inch
- C. length = 3 inches, width = 2 inches
- D. length = 2 inches, width = 1 inch

20. What is the area of the figure below?



- A 10 square units
- B. 20 square units
- C. 24 square units
- D. 48 square units

21. Which point on the number line below represents $\frac{3}{8}$?



- A *R*
- B. *S*
- C. *T*
- D. *U*

22. Mira lives one mile from the post office. She drew the number line below representing places she stopped along the way.



How far is Mira's house from the park?

- A. $\frac{1}{3}$ mile
- B. $\frac{2}{5}$ mile
- C. $\frac{5}{6}$ mile
- D. $\frac{6}{7}$ mile

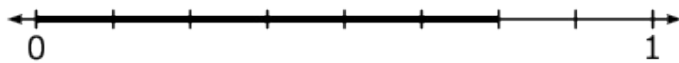
23. Fred drew the number line below.



What fraction does each segment represent?

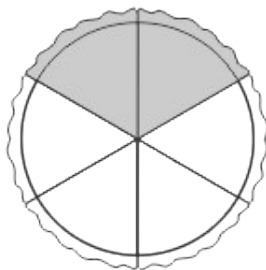
- A. $\frac{1}{2}$
- B. $\frac{1}{3}$
- C. $\frac{1}{4}$
- D. $\frac{1}{5}$

24. On the number line below, how much of the line is shaded?



- A. $\frac{1}{8}$
- B. $\frac{5}{8}$
- C. $\frac{6}{8}$
- D. $\frac{8}{8}$

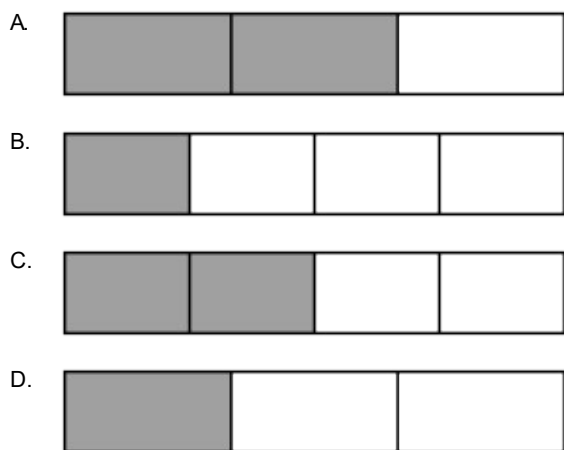
25. Krista ate 2 pieces of the pie below. The pieces she ate are shaded.



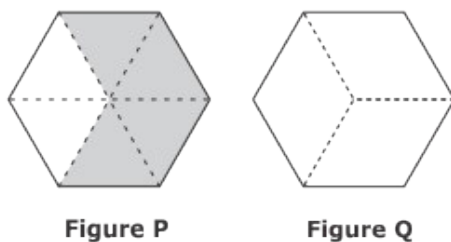
Which fraction shows the amount of pie Krista ate?

- A. $\frac{1}{6}$
- B. $\frac{1}{4}$
- C. $\frac{2}{6}$
- D. $\frac{2}{4}$

26. Which figure is half-shaded?



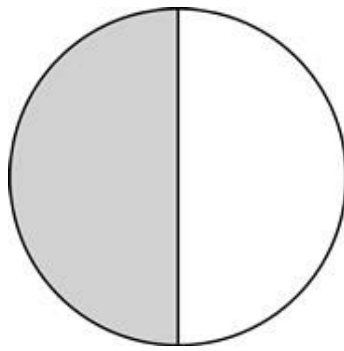
27. Mark shaded part of Figure P below.



What part of Figure Q is equal to the shaded part of Figure P?

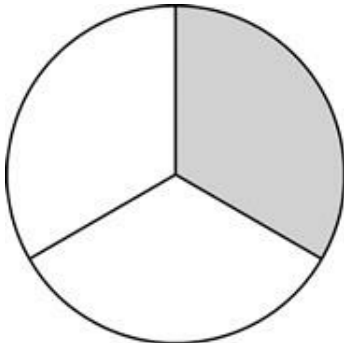
- A. $\frac{1}{3}$
- B. $\frac{2}{3}$
- C. $\frac{3}{3}$
- D. $\frac{4}{3}$

28. The circle is shaded to show $\frac{1}{2}$.

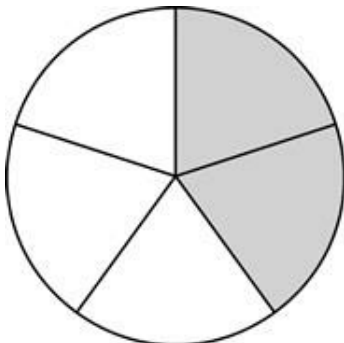


Which circle is shaded to show a fraction that is equivalent to $\frac{1}{2}$?

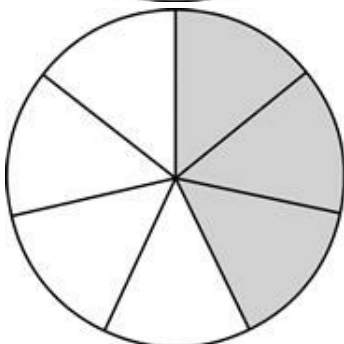
A.



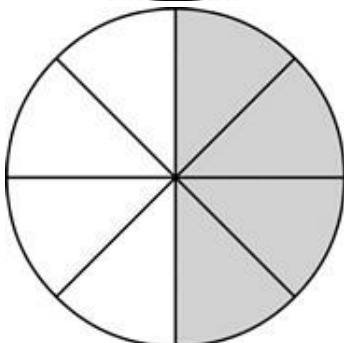
B.



C.



D.



29. Which fraction represents point H on the number line below?



A. $\frac{3}{1}$

B. $\frac{19}{6}$

C. $\frac{3}{6}$

D. $\frac{19}{4}$

30. Which whole number can also be written as the fraction $\frac{4}{4}$?

A. 0

B. 1

C. 4

D. 8

31. Which of these correctly compares $\frac{3}{6}$ and $\frac{4}{6}$?

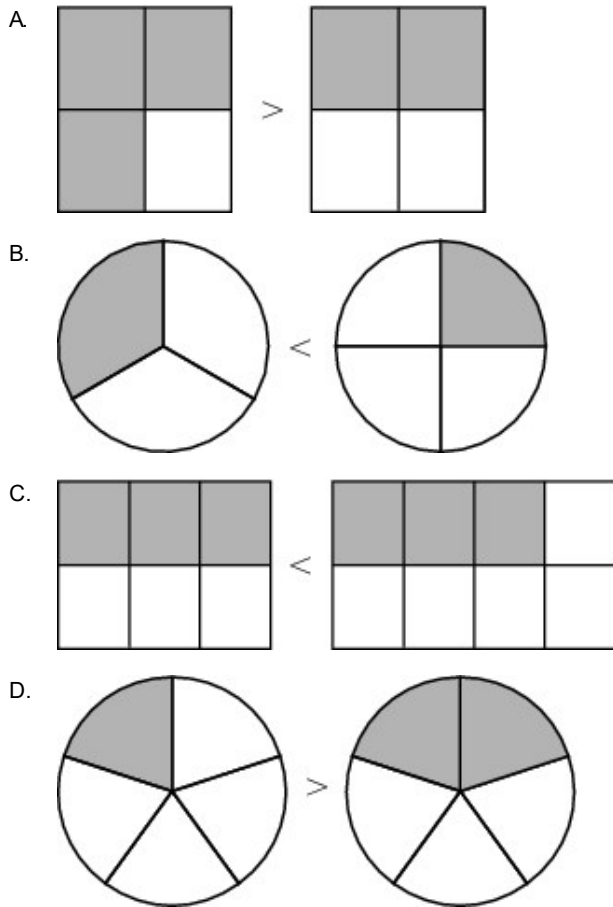
A. $\frac{3}{6} > \frac{4}{6}$

B. $\frac{3}{6} < \frac{4}{6}$

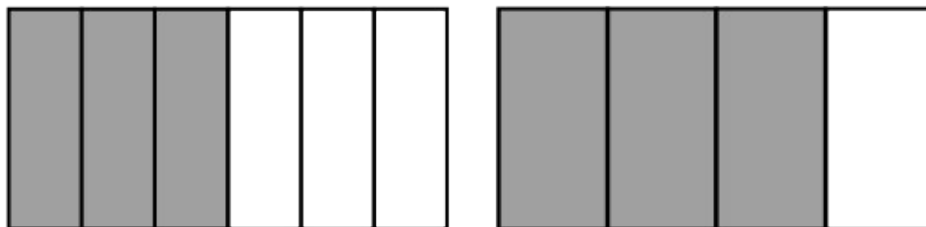
C. $\frac{3}{6} = \frac{4}{6}$

D. $\frac{3}{6} + \frac{4}{6}$

32. Lea is using models to compare fractions. Which pair of models are compared correctly?



33. Tomas drew the two figures below.



Which number sentence represents the shaded parts of the figures?

- A. $\frac{3}{6} < \frac{3}{4}$
- B. $\frac{3}{6} > \frac{3}{4}$
- C. $\frac{6}{3} < \frac{4}{3}$
- D. $\frac{6}{3} > \frac{4}{3}$

34. Jabari ate $\frac{1}{4}$ of his large pizza. Sajan ate $\frac{1}{4}$ of his small pizza. Which statement is true about the amount of pizza they ate?
- A. Jabari ate more pizza than Sajan.
 - B. Sajan ate more pizza than Jabari.
 - C. Sajan and Jabari each ate a whole pizza.
 - D. Jabari and Sajan ate the same amount of pizza.
35. John, Miguel, Sam, and Tom competed in a bowling tournament. Their results are recorded in the table below.

Bowling Results

Name	Fraction of Games Won
John	$\frac{1}{3}$
Miguel	$\frac{1}{2}$
Sam	$\frac{1}{6}$
Tom	$\frac{1}{4}$

Who won the **most** games?

- A. John
- B. Miguel
- C. Sam
- D. Tom