

# 3rd Grade American Math HW

## FAST Revision

Dear Families,

Over the next few weeks, we will be reviewing in class for the upcoming FAST assessment. I encourage you to also **review the three practice tests** I emailed last week to support your child at home.

If you have any questions or need assistance, please don't hesitate to reach out.

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- Homework due date: **Sunday, May 11<sup>th</sup>**
  - **Feel free to contact me with any questions at [diana.charaf@archimedean.org](mailto:diana.charaf@archimedean.org)**
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**Complete homework daily based on the schedule provided below:**

**Monday 05/05**

**Tuesday 05/06**

**Wednesday 05/07**

**Thursday 05/08**

**Friday 05/09**

**No Homework**

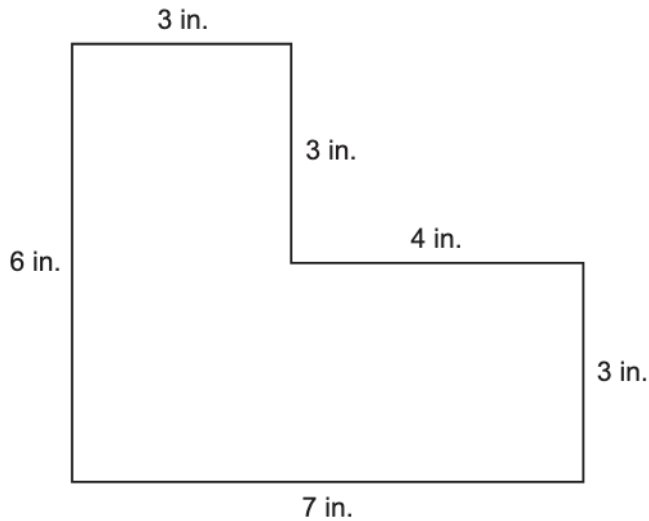
**No Homework**

**Pages: 53 - 55**

**Pages: 57 - 51**

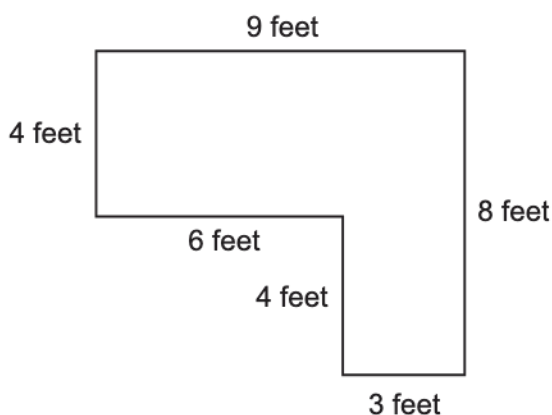
**Pages: 1 - 3**

- 1** What is the perimeter of the figure in inches?



- (A) 26 inches      (C) 39 inches  
(B) 30 inches      (D) 42 inches

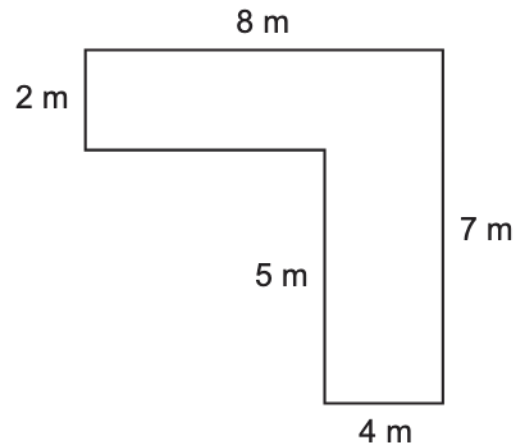
- 2** Ms. Rios puts tape around the section of wall shown below to indicate the area of the mural she will paint.



How many feet of tape does Ms. Rios need?

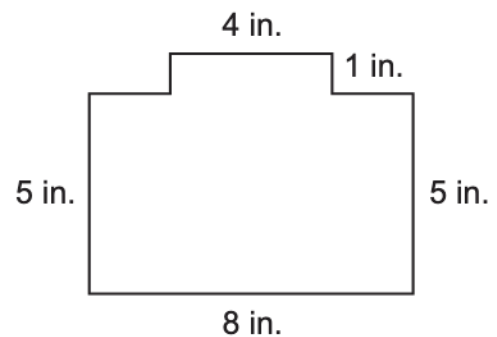
\_\_\_\_\_ feet

- 3** What is the area of the figure in square meters?



- (A) 26 square meters  
(B) 36 square meters  
(C) 44 square meters  
(D) 56 square meters

- 4** What is the area of the figure in square inches?



\_\_\_\_\_ square inches

- 1** What is the BEST name for this figure?

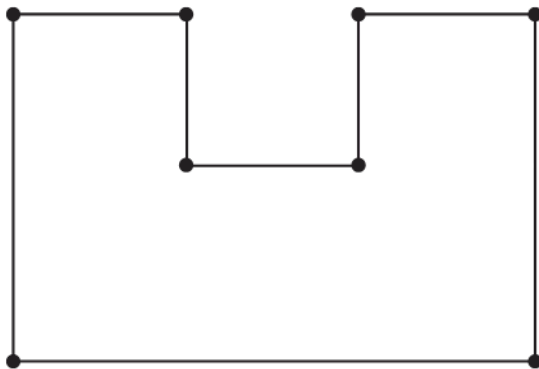


- Ⓐ ray
- Ⓑ line
- Ⓒ angle
- Ⓓ line segment

- 2** Which group of words describe a ray?  
Select **all** the correct answers.

- Ⓐ is straight
- Ⓑ has one endpoint
- Ⓒ forms a square corner
- Ⓓ continues in one direction
- Ⓔ continues in both directions

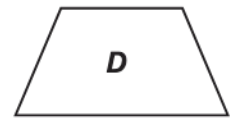
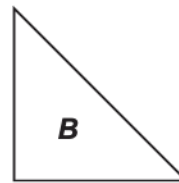
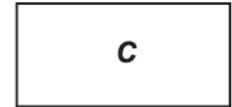
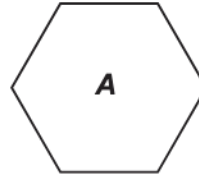
- 3** How many line segments does this shape have?



- Ⓐ 4
- Ⓑ 6
- Ⓒ 8
- Ⓓ 10

- 4** Which shapes have perpendicular sides?

Circle **all** the shapes that have perpendicular sides.



- 5** Bella drew the figure shown as an example for her classmate.



Which term describes the figure Bella drew?

- Ⓐ ray
- Ⓑ line
- Ⓒ angle
- Ⓓ line segment

- 1** Which quadrilateral must have four sides of equal length and four right angles?

Ⓐ square      Ⓑ rhombus      Ⓒ trapezoid      Ⓓ rectangle

- 2** Which quadrilaterals do these clues describe?

I am a quadrilateral that has 4 sides and 4 angles. At least one corner is NOT a square corner.

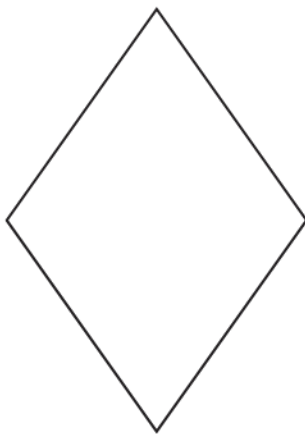
Write the correct letters in the table for the polygons that fit the clue.

**QUADRILATERALS THAT COULD FIT THE CLUE**

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A parallelogram	B rectangle	C square	D rhombus	E trapezoid
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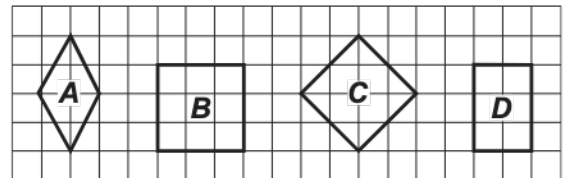
- 3** Which words describe the figure?



Select **all** the correct answers.

- Ⓐ rhombus  
Ⓑ quadrilateral  
Ⓒ square  
Ⓓ rectangle  
Ⓔ parallelogram

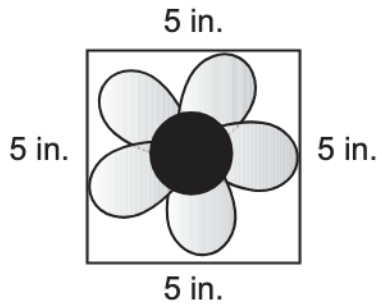
- 4** Fiona drew these four shapes. She said one of the shapes is not a rhombus.



Which shape is not a rhombus?

- Ⓐ A  
Ⓑ B  
Ⓒ C  
Ⓓ D

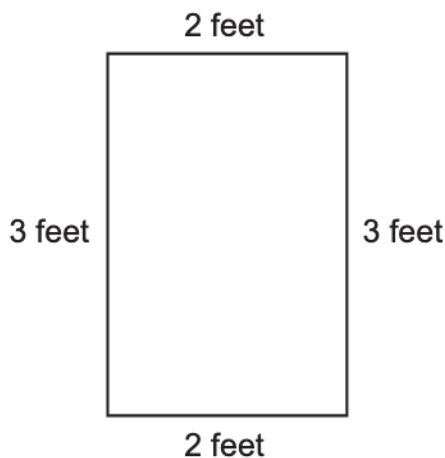
- 1** Tia wants to put a piece of blue yarn around a picture she drew.



How many inches of blue yarn does she need for the perimeter of the picture?

- (A) 5                      (C) 20  
(B) 10                    (D) 25

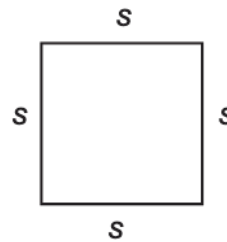
- 2** Mr. Howard puts wood trim around his window.



How many feet of wood trim does he need for the perimeter of the window?

\_\_\_\_\_ feet

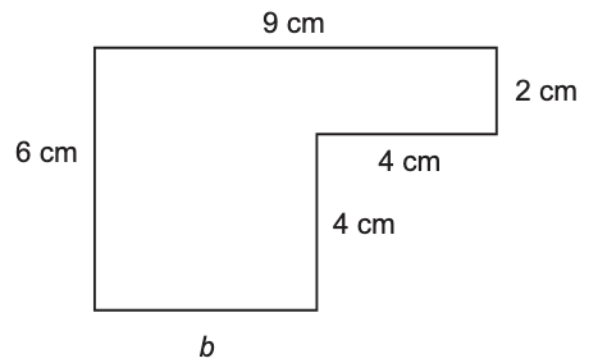
- 3** Doug draws a model of his family garden. It is a perfect square.



The perimeter of the garden is 20 feet. What is the length of each side of the garden in feet?

- (A) 4                      (C) 16  
(B) 5                      (D) 25

- 4** Kendra made a window decoration in the shape shown. This drawing shows the length of the sides in centimeters, cm.



If the length of side  $b$  is 5 cm, what is the perimeter of the window?

\_\_\_\_\_ centimeters

- 1** What is the number 325 written in word form?
- Ⓐ three hundred five  
Ⓑ three hundred twenty  
Ⓒ five hundred twenty-five  
Ⓓ three hundred twenty-five

- 2** What is the number 1,536 written in expanded form?

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 1,536$$

- 3** How can the number two thousand, four hundred sixty-three be written?

Choose the **three** correct answers.

- Ⓐ 2,463  
Ⓑ  $2,400 + 63$   
Ⓒ  $2,600 + 43$   
Ⓓ  $2,000 + 300 + 60 + 4$   
Ⓔ  $2,000 + 400 + 60 + 3$

- 4** What is the number 9,781 written in expanded form?

Circle the numbers to correctly complete the equation.

$$9,781 = \begin{array}{|c|} \hline 90 \\ \hline 900 \\ \hline 9,000 \\ \hline \end{array} + \begin{array}{|c|} \hline 70 \\ \hline 700 \\ \hline 7,000 \\ \hline \end{array} +$$

$$\begin{array}{|c|} \hline 8 \\ \hline 80 \\ \hline 800 \\ \hline \end{array} + \begin{array}{|c|} \hline 1 \\ \hline 10 \\ \hline 100 \\ \hline \end{array}$$

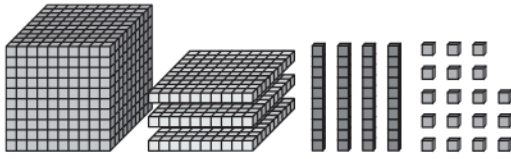
- 5** Nico collected 2,600 baseball cards. He got 25 more baseball cards. How many baseball cards does Nico have now?

Fill in the blanks with the correct words from the list to complete the answer.

\_\_\_\_\_ thousand,  
\_\_\_\_\_ hundred \_\_\_\_\_

eighty-five	two	six
twenty-five	twenty	

- 1** What number do these blocks represent?



\_\_\_\_\_

- 2** Tennis balls are packed in boxes of 100. How many boxes are needed to pack 2,300 tennis balls?

- (A) 23                      (C) 2,000  
(B) 230                    (D) 2,300

- 3** How can 8,441 be expressed? Circle the numbers to correctly complete the sentence.

The number can be expressed

as 

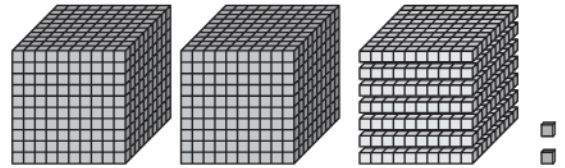
1
8
41
84

 hundreds and

1
8
41
84

 ones.

- 4** What is the total number of hundreds represented by these blocks?



\_\_\_\_\_ hundreds

- 5** How can 4,529 be expressed? Select **all** the correct answers.

- (A) 45 hundreds + 2 tens + 9 ones  
(B) 45 thousands + 1 ten + 19 ones  
(C) 4 thousands + 5 hundreds + 29 ones  
(D) 3 thousands + 15 hundreds + 29 tens  
(E) 3 thousands + 15 hundreds + 2 tens + 9 ones