

Two-Dimensional Figures

Go Online

Interactive Examples

Write the number of sides and the number of vertices. Then write the name of the figure.

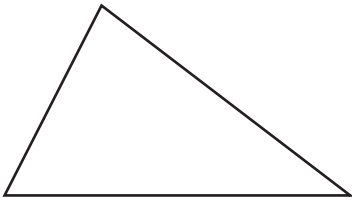
pentagon

triangle

hexagon

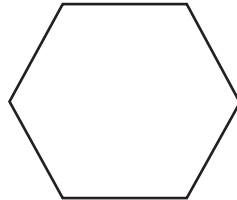
quadrilateral

1.



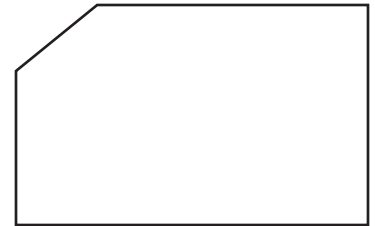
_____ sides
_____ vertices

2.



_____ sides
_____ vertices

3.



_____ sides
_____ vertices


Problem Solving

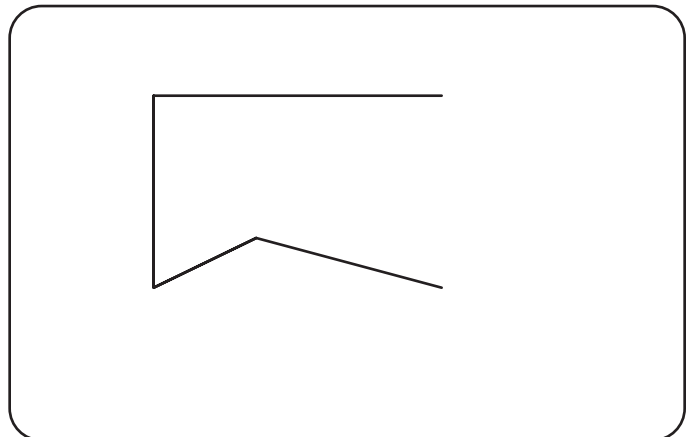


Solve. Draw or write to explain.

4. Oscar is drawing a picture of a house. He draws a pentagon shape for a window. How many sides does his window have?

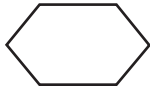
_____ sides

5.  Math Change the figure so that it is a closed figure. Name it.



Lesson Check

6. How many sides does a hexagon have?



_____ sides

7. How many vertices does a rectangle have?



_____ vertices

Spiral Review

8. Use a centimeter ruler. What is the length of the ribbon to the nearest centimeter?



_____ centimeters

9. What is the total value?



10. Add.

$$7 + 6 + 3 + 4$$

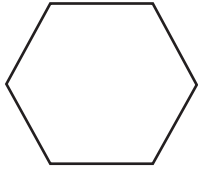
More Two-Dimensional Figures

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Interactive Examples

Write the number of sides and the number of vertices for each polygon.

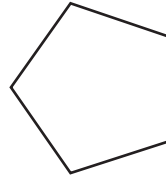
1.



_____ sides

_____ vertices

2.

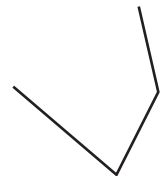
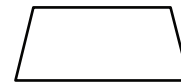
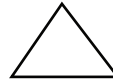


_____ sides

_____ vertices

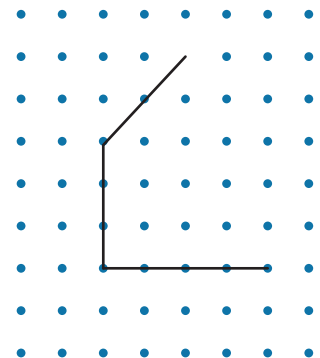
Problem Solving

3. Zoila drew these three shapes. She says they are all polygons. Is Zoila correct? **Explain.**



4. Ethan starts to draw a polygon that looks like a house. Draw more sides for the polygon. How many sides does the polygon have?

The polygon has _____ sides.

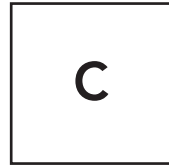
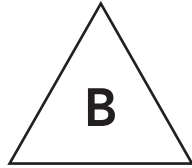
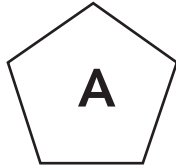


Lesson Check

Choose the correct answer.

5. Which figure has more than 4 sides?

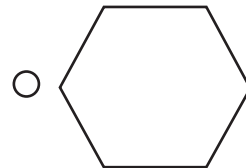
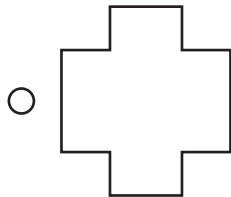
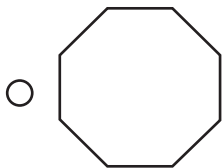
C



B

A

6. Which figure is an octagon?



Spiral Review

7. Subtract $649 - 275$.

8. Add $547 + 238$.

9. Estela has 27 more figures on her art project than Gerardo. Estela has 56 figures. How many figures does Gerardo have on his art project?

_____ figures

Name _____

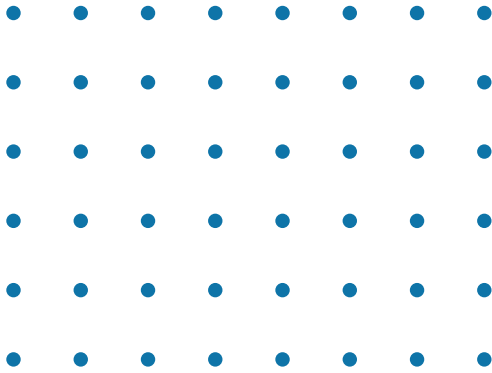
Draw Two-Dimensional Figures

Go Online

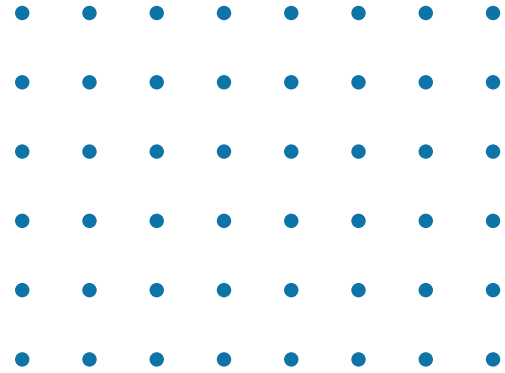
Interactive Examples

Use a ruler to draw the figure.

1. a figure with 6 vertices



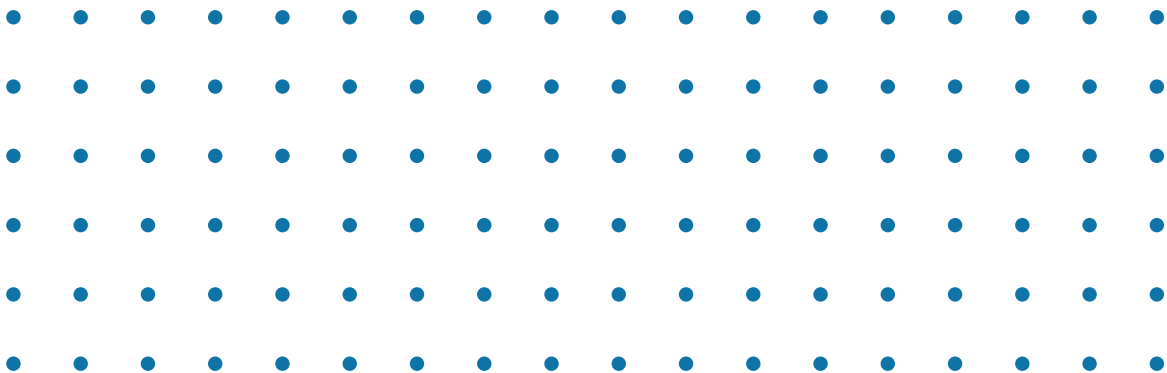
2. a figure with 3 sides



Problem Solving

3. Layla drew a hexagon and an octagon. How many sides did she draw? Draw to prove your answer.

_____ sides

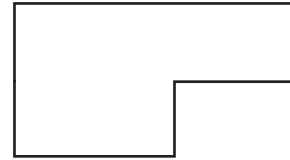


Lesson Check

Choose the correct answer.

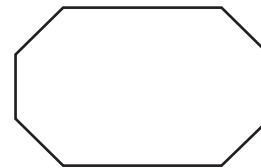
4. Nate draws his bedroom. How many sides does his bedroom have?

- 4
- 8
- 6



5. Melinda draws a picture of an octagon. How many vertices does this figure have?

- 8
- 7
- 10



Spiral Review

6. Use a centimeter ruler. How long is the ribbon?



about _____ centimeters

7. Enter a number to make the equation true.

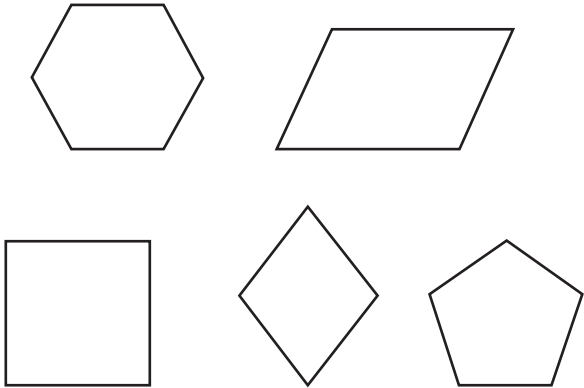
$$22 - \square = 10 + 5$$

Sort Two-Dimensional Figures

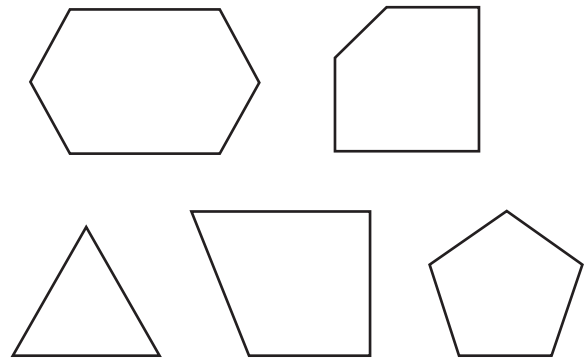
Go Online
Interactive Examples

Circle the figures that match the rule.

1. Figures with fewer than 5 sides



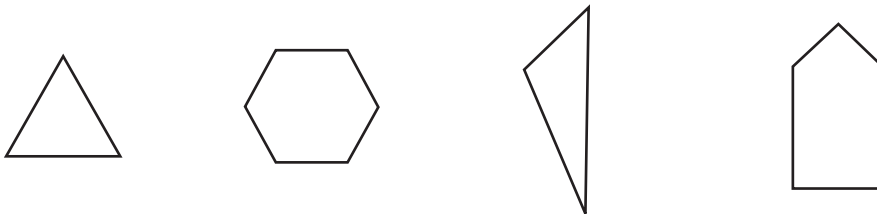
2. Figures with more than 4 vertices




Problem Solving

Circle the correct figure.

3. Tammy drew a figure with more than 3 vertices.
It is not a hexagon. Which figure did Tammy draw?

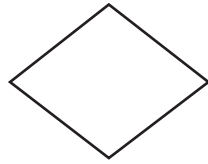
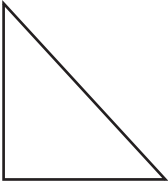


4.  Draw two figures that match the rule.
Figures with more than 3 vertices and the sides are all the same length.



Lesson Check

5. Which figure has fewer than 4 sides?



Spiral Review

6. Use an inch ruler. What is the length of the pencil to the nearest inch?



about ____ inches

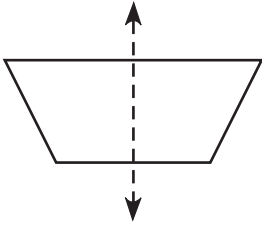
7. Key is leaving for basketball practice.
What time is it? Use a.m. or p.m.



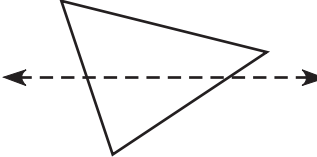
Identify Symmetry

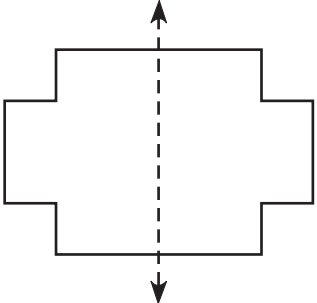
Go Online
Interactive Examples

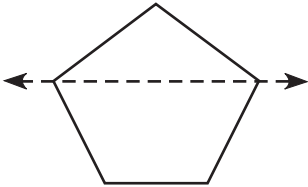
Does the dashed line appear to be a line of symmetry? Write *yes* or *no*.

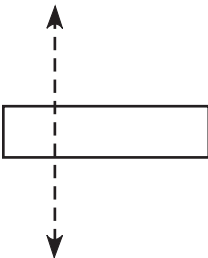
1. 

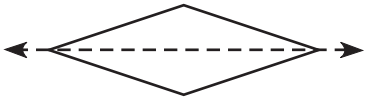
yes

2. 

3. 

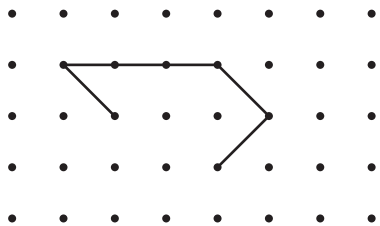
4. 

5. 

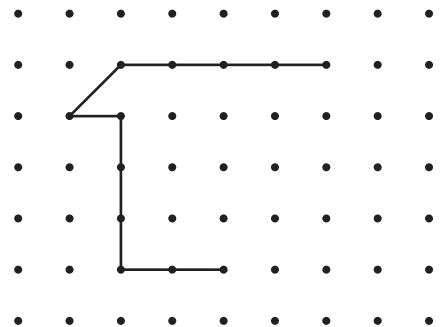
6. 

Problem Solving

7. Finish this drawing so it has a line of symmetry. Draw the line of symmetry.

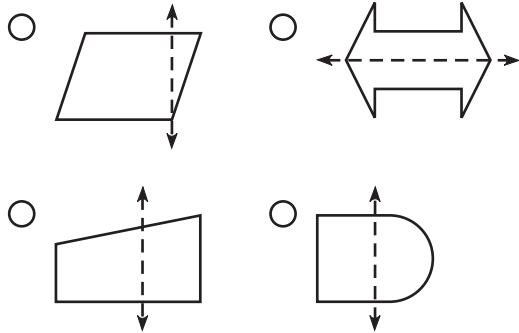


8. Finish this drawing so it has a line of symmetry. Draw the line of symmetry.

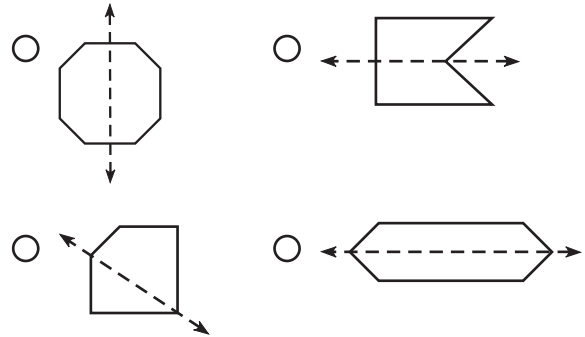


Lesson Check

9. For which shape does the dashed line appear to be a line of symmetry?



10. For which shape does the dashed line appear to NOT be a line of symmetry?



Spiral Review

11. What is the total value of the coins?



12. Use = or \neq .

$$7 + 10 \bigcirc 23 - 7$$

13. Ju-Young has 16 fewer pattern blocks than Patrick. Ju-Young has 24 pattern blocks. How many pattern blocks does Patrick have?

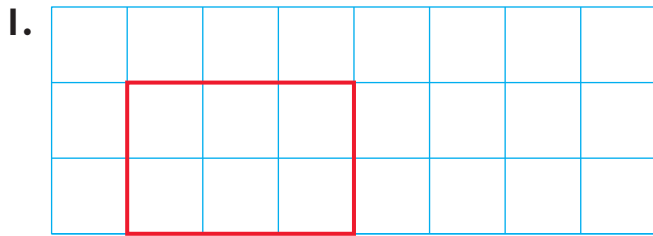
_____ pattern blocks

Explore Perimeter

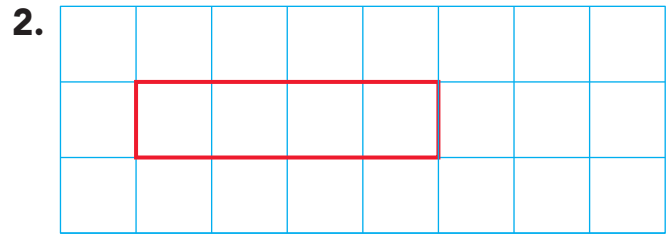
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Interactive Examples

Find the perimeter of the figure.

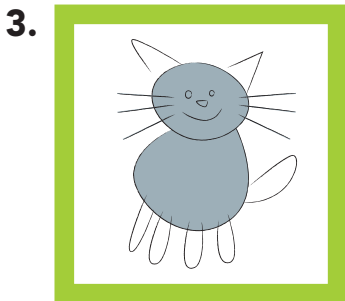


Perimeter = _____ units

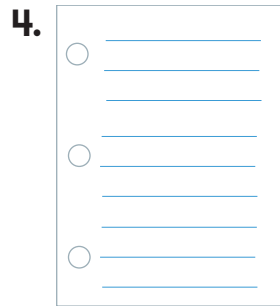


Perimeter = _____ units

Find each object. Use color tiles to find the perimeter.



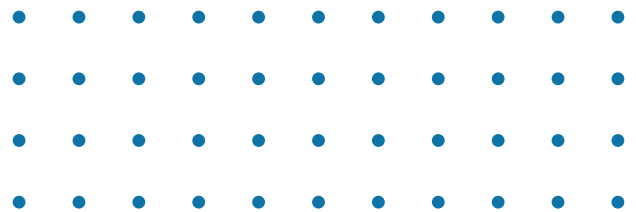
Perimeter = _____ units



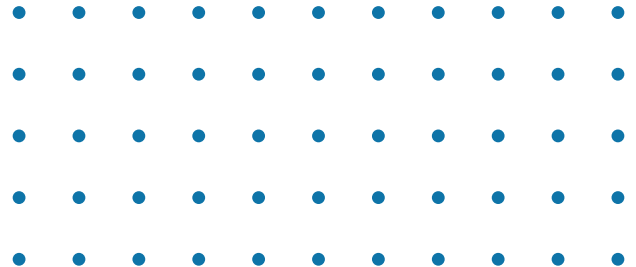
Perimeter = _____ units

Problem Solving

5. Each side of Teresa's square is 3 units long. Each side of Alfonso's square is 4 units long. Draw both figures on the grid.

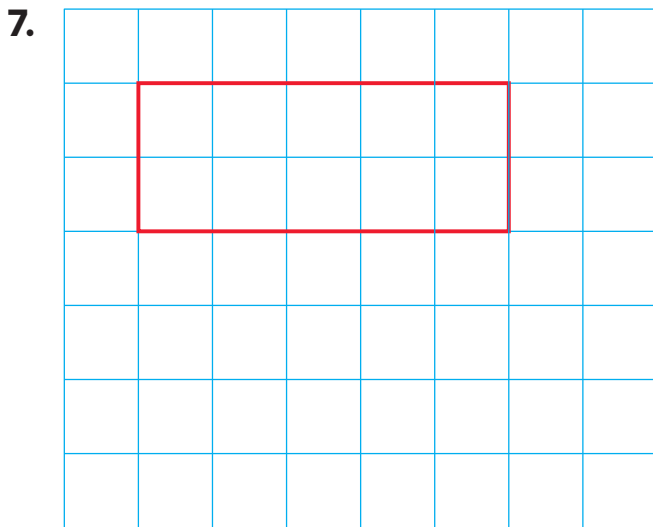


6. How much greater is the perimeter of Alfonso's square than Teresa's square?

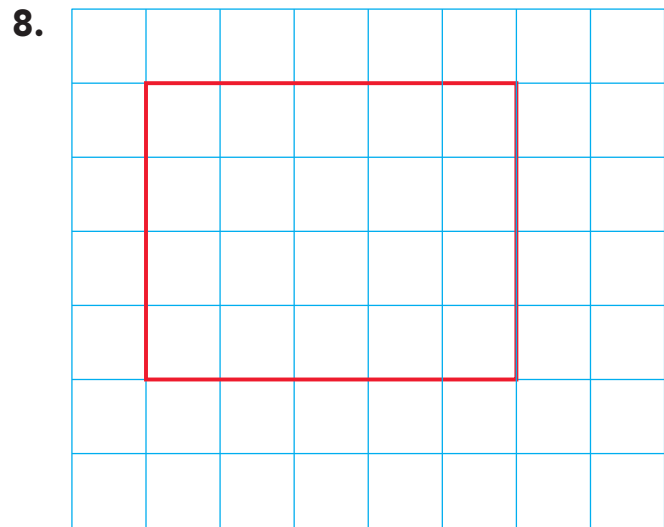


Lesson Check

Find the perimeter of the figure.



Perimeter = _____ units



Perimeter = _____ units

Spiral Review

9. Which number has the same value as 60 tens?

10. Some books were on the shelf. Then Felipe's science group borrowed 12 of them. Now there are 37 books on the shelf. How many books were on the shelf to start?
_____ books
11. There are 35 purple bookmarks. There are 26 more purple bookmarks than green bookmarks. How many green bookmarks are there?

12. What time is a quarter past 5?
