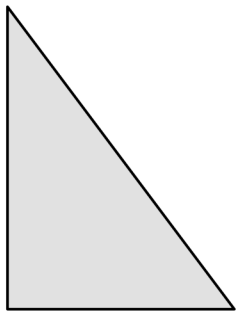


Name _____

Date _____

1. Measure and label the side lengths of the shapes below in centimeters. Then find the perimeter of each shape.

a.



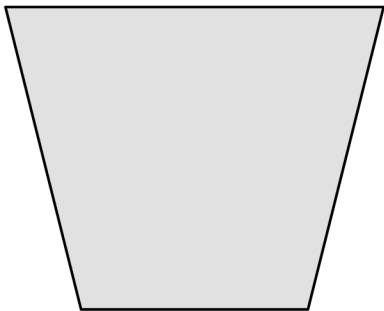
Perimeter = _____ + _____ + _____
= _____ cm

b.



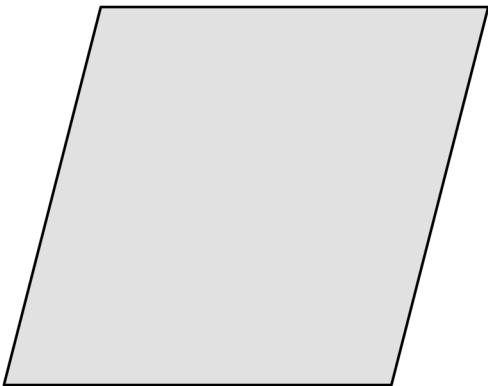
Perimeter = _____
= _____ cm

c.



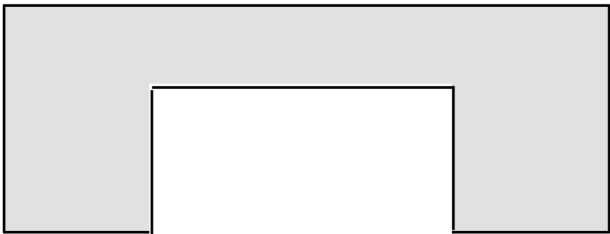
Perimeter = _____
= _____ cm

d.



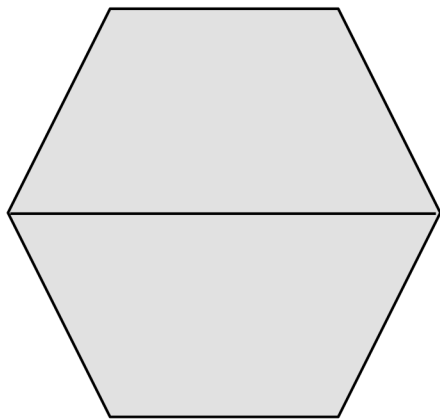
Perimeter = _____
= _____ cm

e.



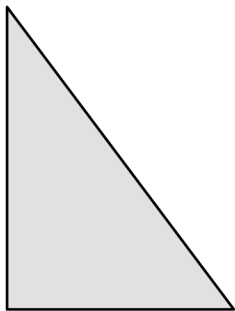
Perimeter = _____
= _____ cm

2. Melinda draws two trapezoids to create the hexagon shown below. Use a ruler to find the side lengths of Melinda’s hexagon in centimeters. Then find the perimeter.

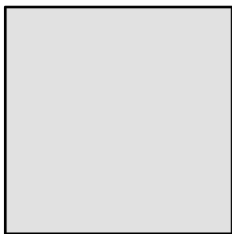


3. Victoria and Eric draw the shapes shown below. Eric says his shape has a greater perimeter because it has more sides than Victoria’s shape. Is Eric right? Explain your answer.

Victoria’s Shape



Eric’s Shape



4. Jamal uses his ruler and a right angle tool to draw the rectangle shown below. He says the perimeter of his rectangle is 32 centimeters. Do you agree with Jamal? Why or why not?



Answer Key

1.
 - a. Labeled 3 cm, 4 cm, 5 cm; $3\text{ cm} + 4\text{ cm} + 5\text{ cm} = 12\text{ cm}$
 - b. Labeled 6 cm, 4 cm, 6 cm, 4 cm; $6\text{ cm} + 4\text{ cm} + 6\text{ cm} + 4\text{ cm} = 20\text{ cm}$
 - c. Labeled 3 cm, 4 cm, 5 cm, 4 cm; $3\text{ cm} + 4\text{ cm} + 5\text{ cm} + 4\text{ cm} = 16\text{ cm}$
 - d. Labeled each side 5 cm; $5\text{ cm} + 5\text{ cm} + 5\text{ cm} + 5\text{ cm} = 20\text{ cm}$
 - e. Labeled 4 cm, 2 cm, 3 cm, 8 cm, 3 cm, 2 cm, 4 cm, 12 cm;
 $4\text{ cm} + 2\text{ cm} + 3\text{ cm} + 8\text{ cm} + 3\text{ cm} + 2\text{ cm} + 4\text{ cm} + 12\text{ cm} = 38\text{ cm}$
2. 3 cm each side; $P = 3\text{ cm} + 3\text{ cm} + 3\text{ cm} + 3\text{ cm} + 3\text{ cm} + 3\text{ cm} = 18\text{ cm}$
3. No; explanations will vary.
4. No; explanations will vary.