

PERIMETER OF A BUILT RECTANGLE

- 1 A builder makes a rectangular frame with sides 5 cm, 3 cm, 5 cm and 3 cm.
- 2 Touch and add the first side: 5
- 3 Add the next side: $5 + 3 = 8$
- 4 Add the third side: $8 + 5 = 13$
- 5 Add the last side: $13 + 3 = 16$
- 6 The perimeter is 16 cm all the way around.

WARM-UP

Use the squared space to draw each shape and show the addition for its perimeter.



1. Draw a square with each side 4 cm and write the sum $4 + 4 + 4 + 4 = ?$ under it
2. Draw a rectangle with sides 6 cm and 2 cm and write the sum $6 + 2 + 6 + 2 = ?$ under it
3. Draw a triangle with sides 3 cm, 4 cm and 5 cm and write the sum $3 + 4 + 5 = ?$ under it

PRACTICE

- 1 You build a square wooden frame with each side 7 cm long. What is the perimeter? _____
- 2 You build a tiny square tile with each side 2 cm. What is its perimeter? _____
- 3 You make an equilateral triangle roof piece with each side 5 cm. Find the perimeter. _____

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

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| a. You add the length of every side to find the perimeter of a shape. ☐ | c. Multiplying one side by the number of sides gives the perimeter. ☐ |
| b. A square with side length 4 cm has a perimeter of 16 cm. ☐ | d. Forgetting to add one side still gives the correct perimeter. ☐ |