

Lesson 16: Compare Perimeters of Rectangles

Cool Down: Rectangles Y and Z

1. Rectangle Y has a perimeter of 20 inches. Name a possible pair of side lengths it could have.

2. Rectangle Z has a perimeter of 180 inches.
 - a. Complete this statement:

The perimeter of rectangle Z is _____ times the perimeter of rectangle Y.
 - b. If the length of rectangle Z is 70 inches, how many inches is its width? Explain or show your reasoning. Draw a diagram if it is helpful.