

PERIMETER: Perfect Carnival

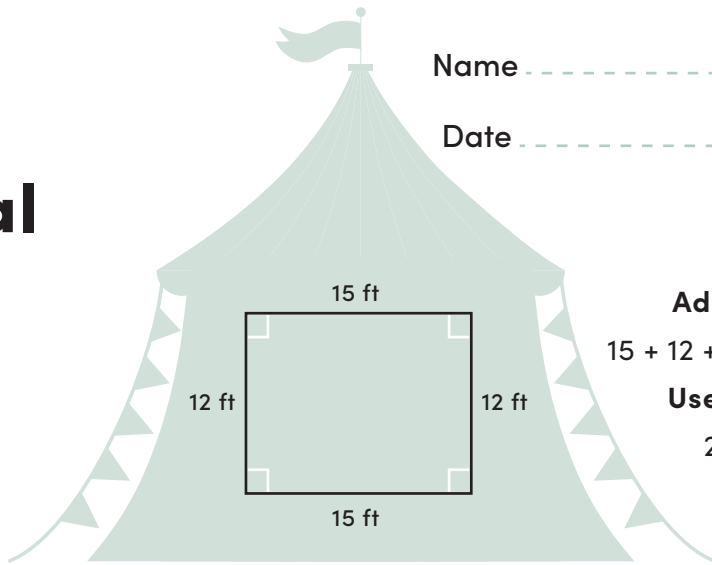
Name

Date

The perimeter is the distance around a two-dimensional shape.

Calculate perimeter of a rectangle by adding up the lengths of all the sides, or by using the perimeter equation:

$$2 \times \text{Length} + 2 \times \text{Width} = \text{Perimeter}$$



Add up the sides:

$$15 + 12 + 15 + 12 = 54 \text{ ft.}$$

Use the equation:

$$2(15) + 2(12) = P$$

$$30 + 24 = P$$

$$54 \text{ ft.} = P$$

Directions: Find the missing rectangle dimensions for each carnival booth in the table.

Booth	Dimensions	Perimeter
Basketball Dunk	14 ft. + 10 ft. + 10 ft. + ____	
Ring Toss	4 ft. + 4 ft. + ____ + ____	16 ft.
Wii Dance	2 ft. + 10 ft. + 10 ft. + ____	
Bag Toss	9 ft. + 3 ft. + ____ + ____	

Booth	Dimensions	Perimeter
Video Games	6 ft. + ____ + 6 ft. + ____	20 ft.
Board Games	5 ft. + ____ + ____ + 7 ft.	
Water Balloon Toss	3 ft. + 3 ft. + ____ + ____	24 ft.
_____	8 ft. + ____ + 9 ft. + ____	

Directions: Choose the booths for your carnival and use their dimensions to draw the space you'll need for each. Each box in the grid measures 1 foot. Leave at least 2 feet in between each booth.

