

Same Area, Different Perimeters

Find the perimeter and area of Rectangles *A* and *B*.

Tell which rectangle has a greater perimeter.

Step 1 Find the area of each rectangle. You can multiply the number of unit squares in each row by the number of rows.

Rectangle *A*: $2 \times 6 = 12$ square units

Rectangle *B*: $3 \times 4 = 12$ square units

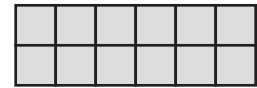
Step 2 Find the perimeter of each rectangle. You can add the sides.

Rectangle *A*: $6 + 2 + 6 + 2 = 16$ units

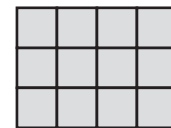
Rectangle *B*: $4 + 3 + 4 + 3 = 14$ units

Step 3 Compare the perimeters. 16 units > 14 units.

So, Rectangle *A* has a greater perimeter.



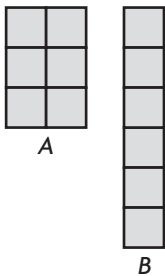
A



B

Find the perimeter and the area. Tell which rectangle has a greater perimeter.

1



A: Area = _____;

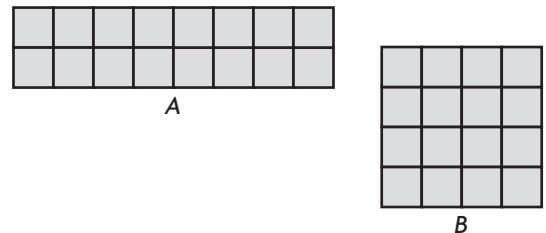
Perimeter = _____

B: Area = _____;

Perimeter = _____

Rectangle _____ has a greater perimeter.

2



A: Area = _____;

Perimeter = _____

B: Area = _____;

Perimeter = _____

Rectangle _____ has a greater perimeter.