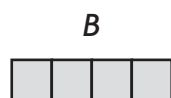
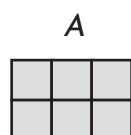


Same Perimeter, Different Areas

You can use perimeter and area to compare rectangles.

Compare the perimeters of Rectangle A and Rectangle B.



Find the number of units around each rectangle.

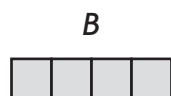
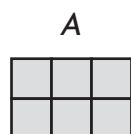
Rectangle A: $3 + 2 + 3 + 2 = 10$ units

Rectangle B: $4 + 1 + 4 + 1 = 10$ units

Compare: 10 units = 10 units

So, Rectangle A has the same perimeter as Rectangle B.

Compare the areas of Rectangle A and Rectangle B.



Find the number of unit squares needed to cover each rectangle.

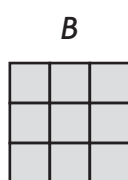
Rectangle A: 2 rows of 3 = 2×3 , or 6 square units

Rectangle B: 1 row of 4 = 1×4 , or 4 square units

Compare: 6 square units $>$ 4 square units

So, Rectangle A has a greater area than Rectangle B.

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

1

A: Perimeter = _____;

Area = _____

B: Perimeter = _____;

Area = _____

Rectangle _____ has a greater area.

2

A: Perimeter = _____;

Area = _____

B: Perimeter = _____;

Area = _____

Rectangle _____ has a greater area.