Same Perimeter Different Area 16-4

Learning Goal: I can understand the relationship of shapes with the same perimeter and different areas.

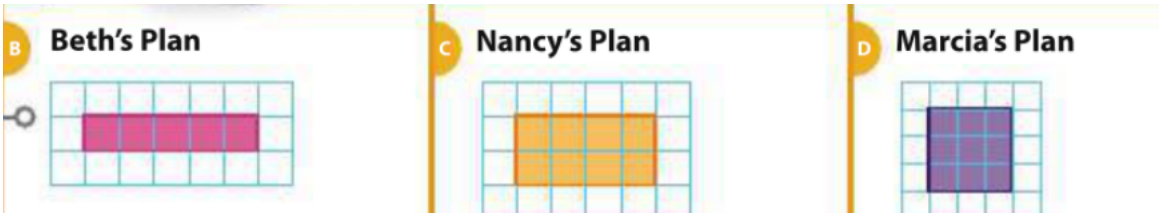
Let's Review:

Perimeter is the distance AROUND the OUTSIDE of a shape or object
Perimeter = side + side + side (however many sides there are on the shape)
P = S + S + S

Area is the measurement of the SPACE INSDE a shape
Area = Length x Width
A= L x W

Take a Look!

Find the perimeter and area of each shape.

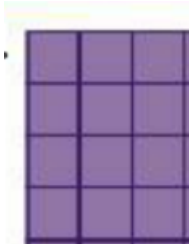


Let's Try!

Directions: Draw two different rectangles with the given perimeter. Then find the area. Circle the rectangle that has the greater area.

1. Perimeter = 10 inches

Directions: describe a different rectangle that has the same perimeter as the one shown. Then tell which rectangle has a greater area.



4 in

3 in

4 cm

6 cm