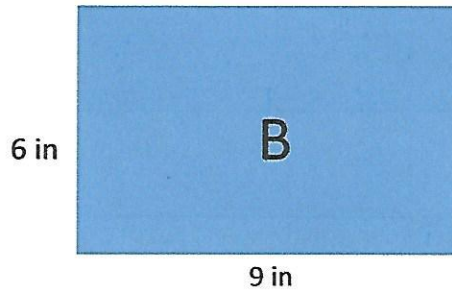
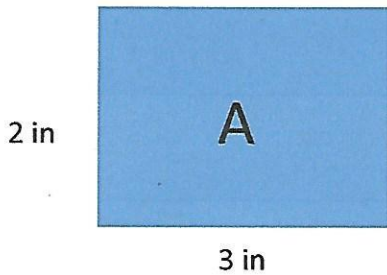


# Scale Drawings & Copy Size #1



What is the approximate copy size from figure A to B? Give your answer as a decimal and as a percent?

3 300%

How do the side lengths in the original figure compare to the corresponding side lengths in the large figure?

3 x larger

What is the Perimeter of each shape? Show work.

Perimeter Shape A:

$$2(2+3) = 10 \text{ in}$$

Perimeter Shape B:

$$2(6+9) = 30 \text{ in}$$

Compare the Perimeter of the Shape A to the perimeter of Shape B.

10 in.  $\longrightarrow$  30 in. 3 x larger

Compare the Perimeter of the Shape B to the perimeter of Shape A.

30 in.  $\longrightarrow$  10 in. 3 x smaller  
or  $\frac{1}{3}$  the size

What is the area of each shape? Show work.

Area Shape A:

$$2(3) = 6 \text{ in}^2$$

Area Shape B:

$$6(9) = 54 \text{ in}^2$$

Compare the area of Shape A to the area of Shape B.

$6 \text{ in}^2 \longrightarrow 54 \text{ in}^2$

9 x larger