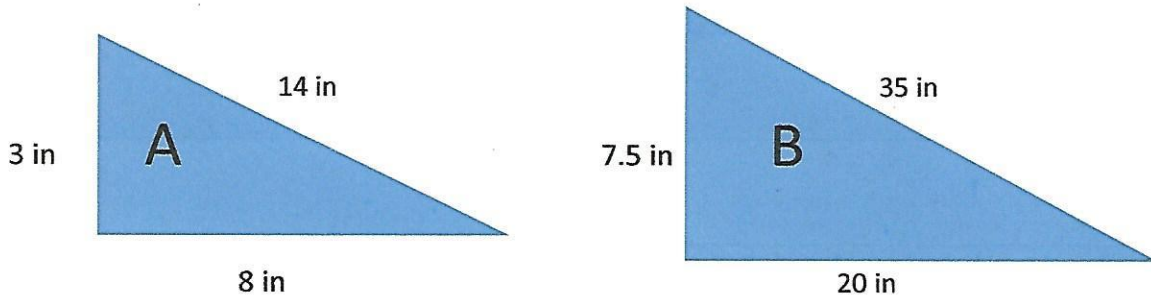


Scale Drawings & Copy Size #4



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

$$2.5 \quad 250\%$$

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

2.5 times larger

What is the Perimeter of each shape? Show work.

Perimeter Shape A:

$$3 + 8 + 14 = 25 \text{ in.}$$

Perimeter Shape B:

$$20 + 35 + 7.5 = 62.5 \text{ in.}$$

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

$$25 \text{ in} \longrightarrow 62.5 \text{ in.} \quad 2.5 \times \text{larger}$$

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

$$62.5 \longrightarrow 25 \text{ in.} \quad 2.5 \text{ times smaller}$$

What is the area of each shape? Show work.

Area Shape A:

$$8(3)/2 = 12 \text{ in}^2$$

Area Shape B:

$$7.5(20)/2 = 75 \text{ in}^2$$

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

$$12 \text{ in}^2 \longrightarrow 75 \text{ in}^2$$

6.25 times larger