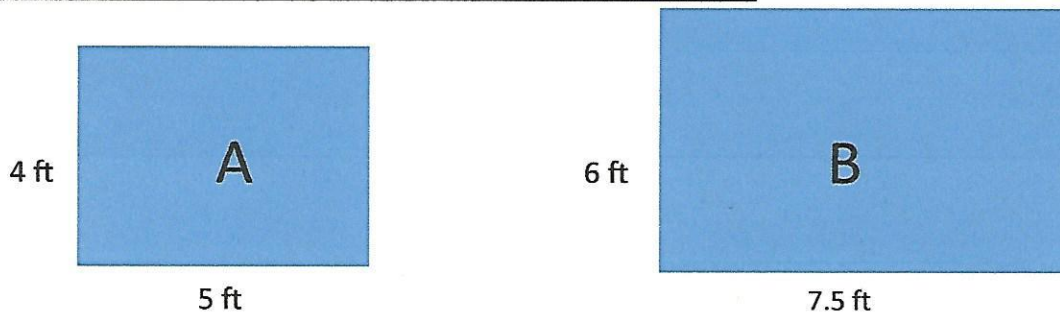


Scale Drawings & Copy Size #3



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

$$1.5 \quad 150\%$$

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

$$1.5 \times \text{larger}$$

What is the Perimeter of each shape? Show work.

Perimeter Shape A:

$$2(4+5) = 18 \text{ ft.}$$

Perimeter Shape B:

$$2(6+7.5) = 27 \text{ ft.}$$

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

$$18 \text{ ft.} \longrightarrow 27 \text{ ft.} \quad 1.5 \text{ times larger}$$

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

$$27 \text{ ft.} \longrightarrow 18 \text{ ft.} \quad 1.5 \text{ times smaller}$$

What is the area of each shape? Show work.

Area Shape A:

$$4(5) = 20 \text{ ft}^2$$

Area Shape B:

$$6(7.5) = 45 \text{ ft}^2$$

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

$$20 \text{ ft}^2 \longrightarrow 45 \text{ ft}^2$$

2.25 x larger