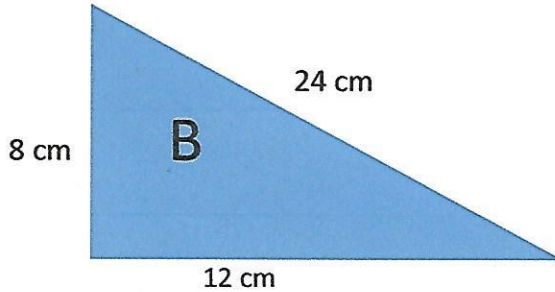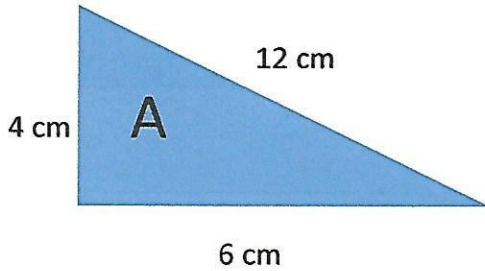# Scale Drawings & Copy Size #2

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

2   200%

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

2 x larger

What is the Perimeter of each shape? Show work.

Perimeter Shape A:

12 + 4 + 6 = 22 cm

Perimeter Shape B:

12 + 8 + 24 = 44 cm

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

22 cm ⟶ 44 cm   2 x larger

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

44 cm ⟶ 22 cm   2 x smaller
or ½ the size

What is the area of each shape? Show work.

Area Shape A:

4(6)/2 = 12 cm²

Area Shape B:

12(8)/2 = 48 cm²

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

12 cm² ⟶ 48 cm²

4 x larger

Created by Roberta Baker, NCUJHS