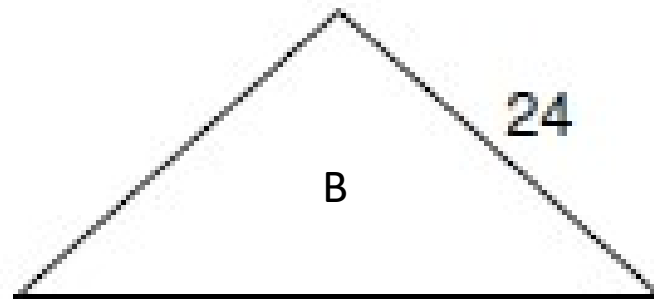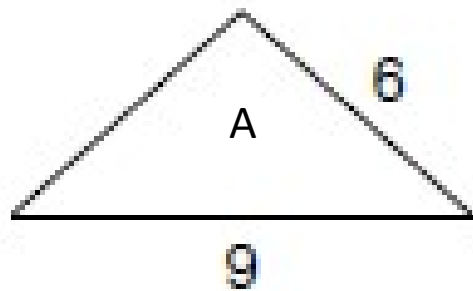# Geometry Review

- I can apply scale factor when finding the area, volume, and surface area of 2D and 3D figures.

SCALE FACTOR REVIEW

What is the scale factor of A to B? _____
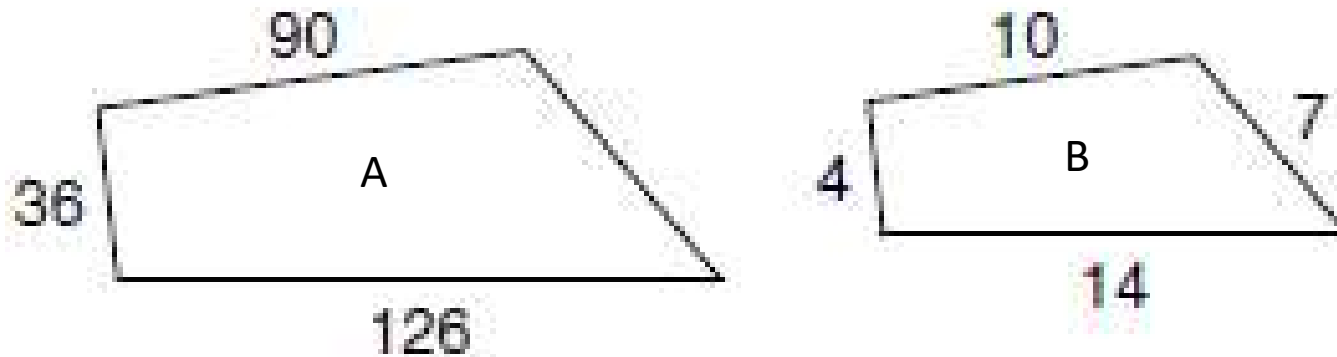
What is the scale factor of B to A? _____

A — 6, 9

B — 24

What is the length of side x? _____

SCALE FACTOR REVIEW

What is the scale factor of A to B? _____
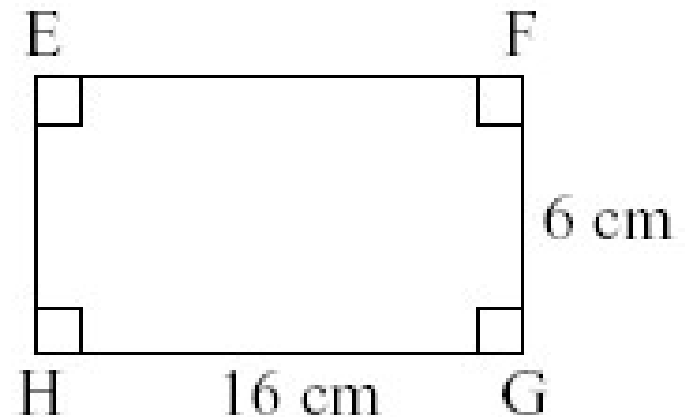
What is the scale factor of B to A? _____

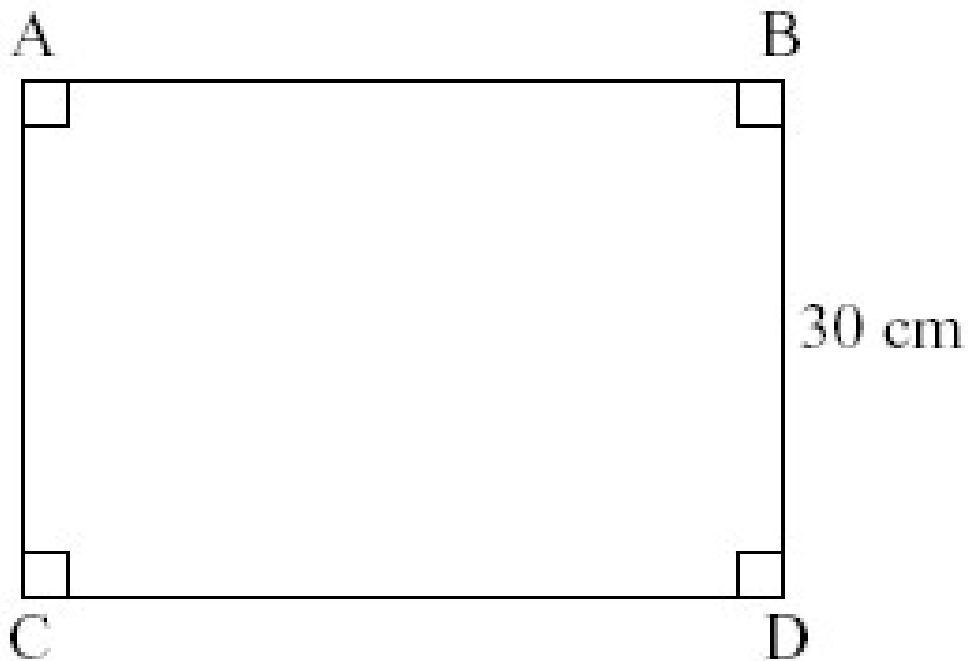
What is the length of side x? _____

SCALE FACTOR REVIEW

What is the scale factor of ABCD to EFGH? ____

What is the scale factor of EFGH to ABCD? ____
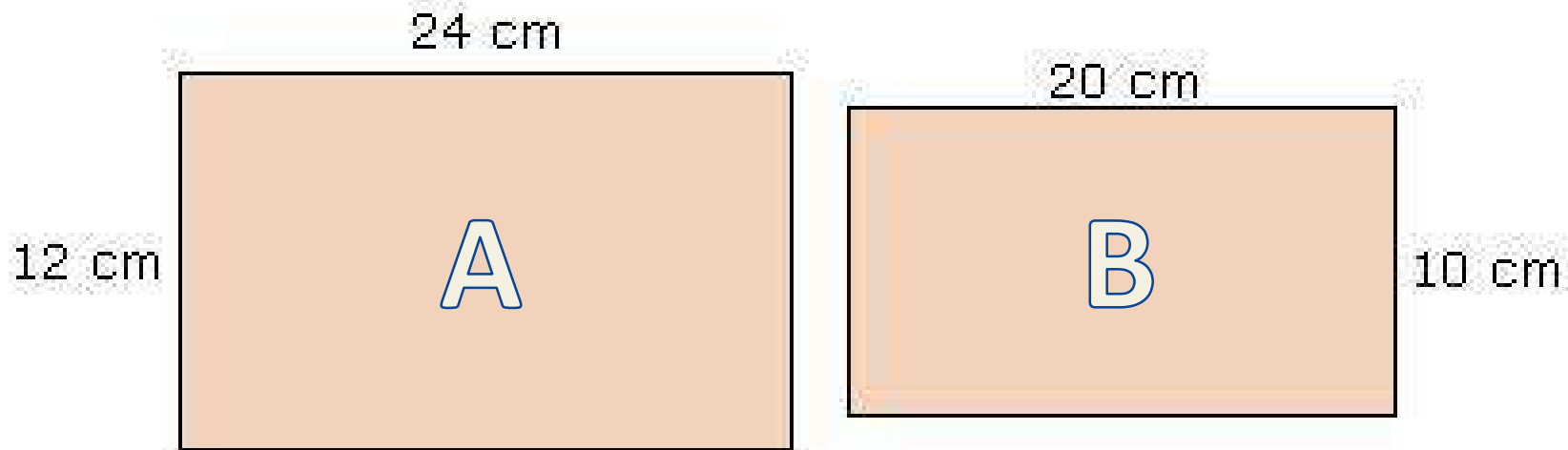
What is the length of side AB? ____

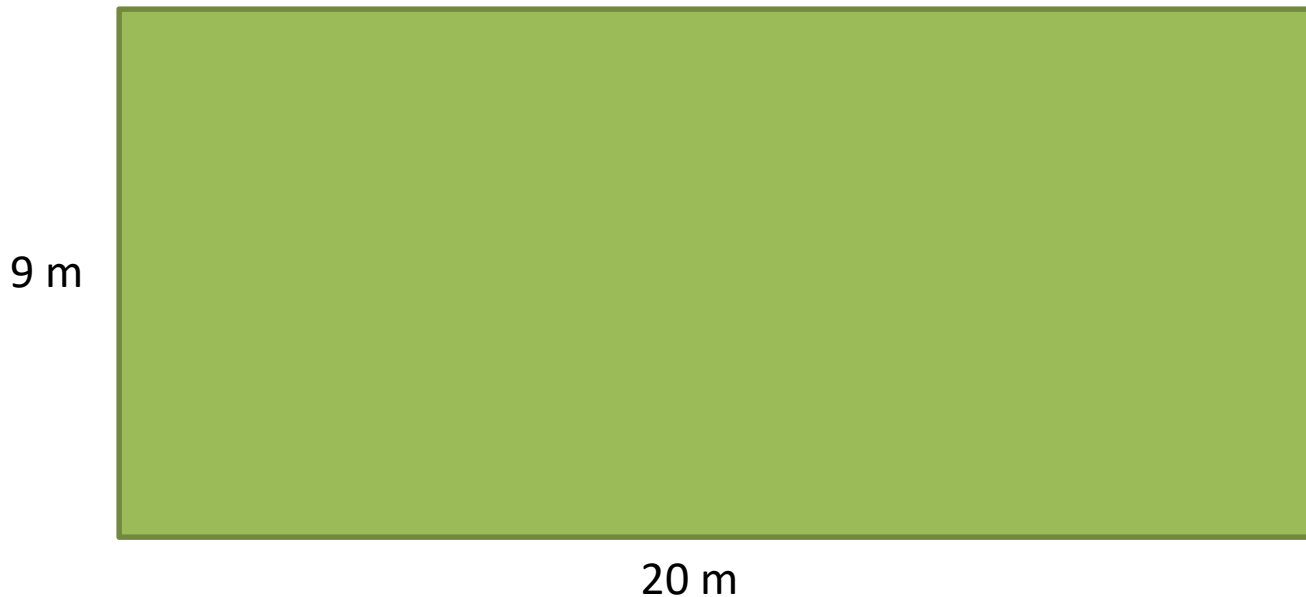# SCALE FACTOR REVIEW

What is the scale factor of A to B? _____

What is the scale factor of B to A? _____
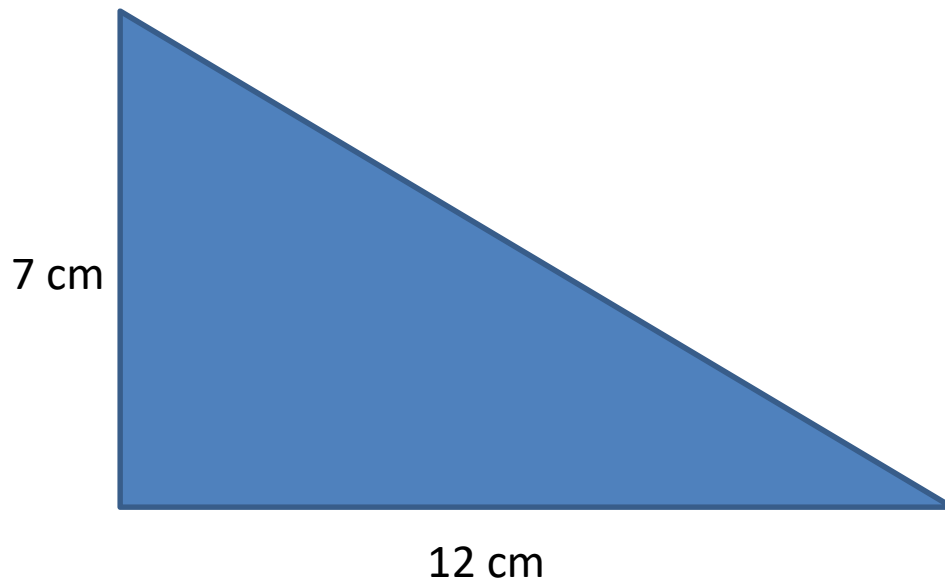
Test Review: Area (with Scale Factor)

The scale drawing below represents the a plot of land. The scale factor used to make this drawing is 1/20. What is the area of the actual land?
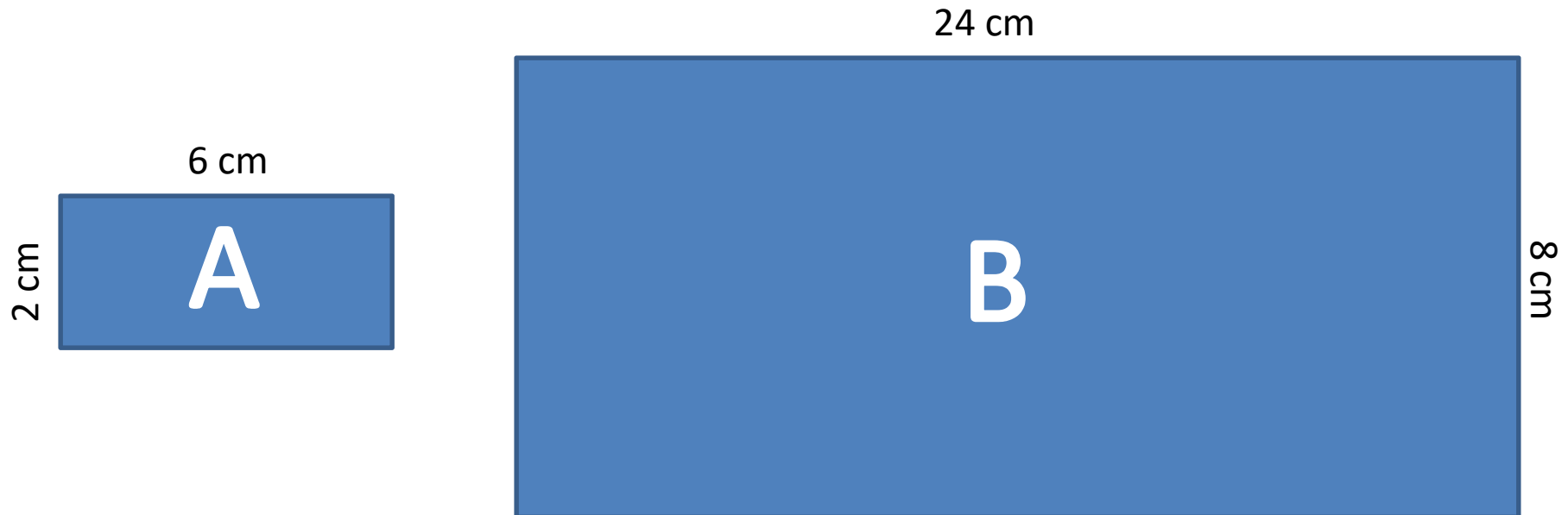
9 m

20 m

Test Review: Area (with Scale Factor)

If the triangle below is recreated using a scale factor of 2, how many times larger is the area of the new triangle than the original triangle?

7 cm

12 cm

Test Review: Area (with Scale Factor)

Rectangle B was created to model Rectangle A. What scale factor was used when making Rectangle B? What is the difference in the two areas?

24 cm

6 cm

2 cm

A

B

8 cm

Test Review: Volume (with Scale Factor)

What is the scale factor used if B was made from A?

A

B

10 m

8 m

8 m

5 m

4 m

4 m