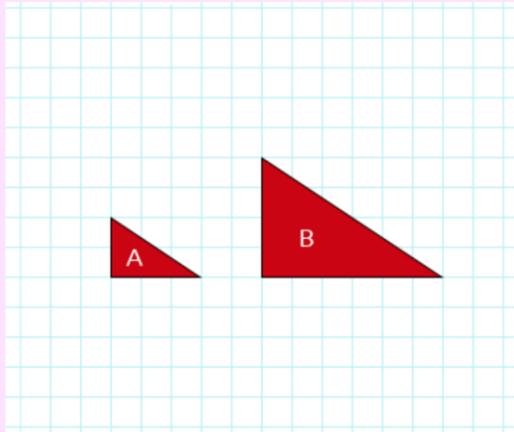
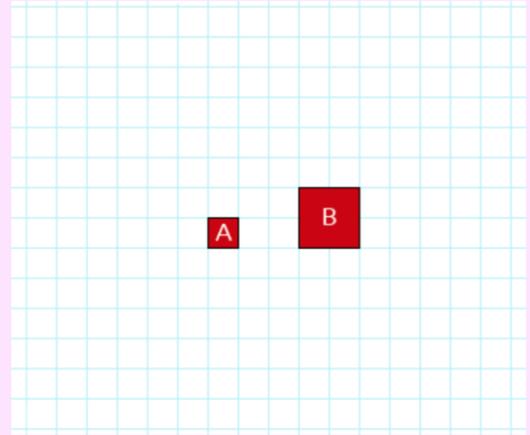


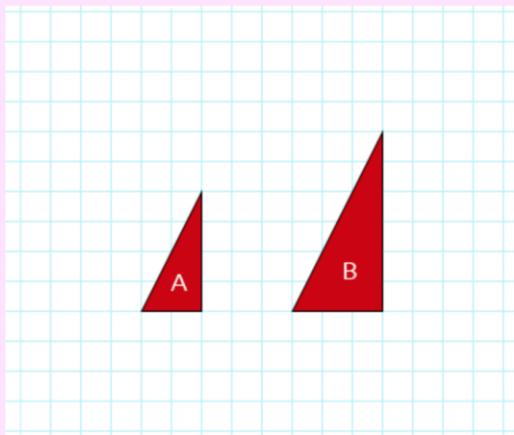
6R3 - Solve problems involving similar shapes where the scale factor is known or can be found



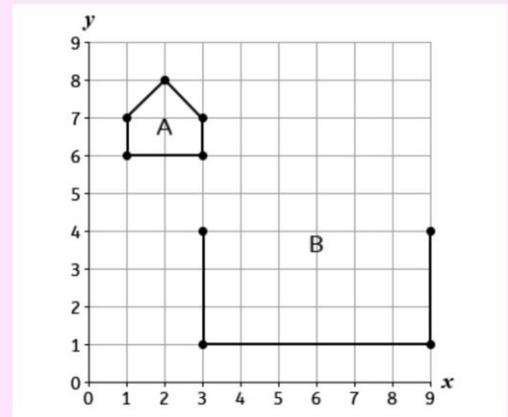
By what scale factor is triangle B larger than triangle A?



By what scale factor is square B larger than square A?



By what scale factor is triangle B larger than triangle A?



Shape B has a missing vertex.

Shape B is an enlargement of Shape A.

What are the coordinates of the missing vertex of Shape B?

- (6, 5)
 (6, 8)
 (6, 7)
 (6, 6)

The diameter of a circle is 4cm.
 What is the new diameter of the circle when enlarged by a scale factor of 9?

 cm

Square A has sides 4cm long.
 Square B has sides 48cm long.
 What scale factor has been used to enlarge Square A to Square B?