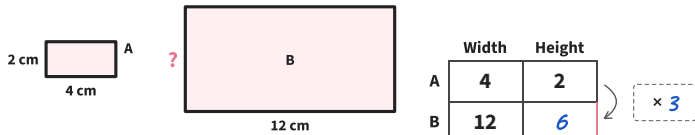


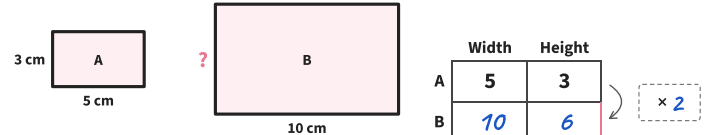
Similar Shapes: Missing Lengths

ANSWERS

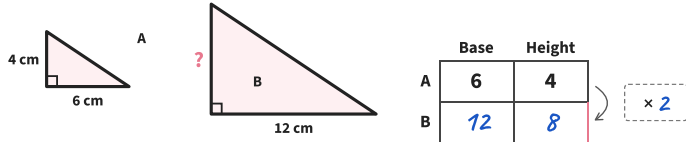
1 A and B are similar. Find the missing length. Scale factor first.



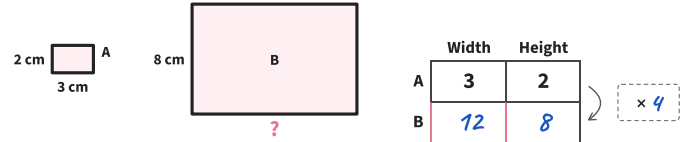
2 A and B are similar. Find the missing length.



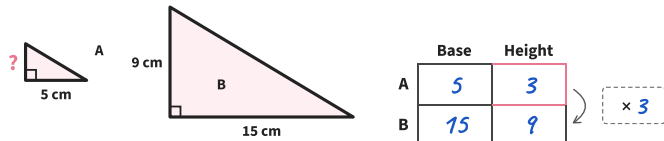
3 A and B are similar. Find the missing length.



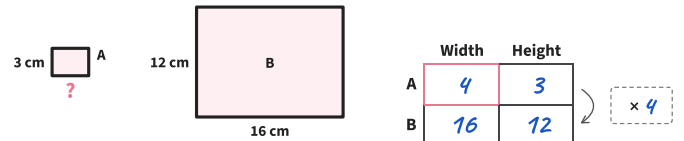
4 A and B are similar. Find the missing length.



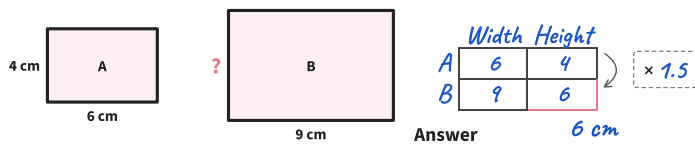
5 A and B are similar. Find the missing length on A. Notice the change!



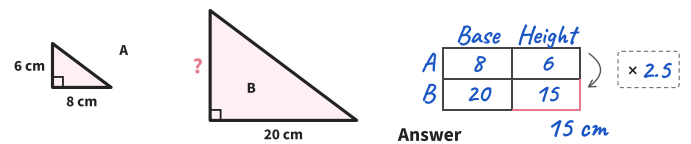
6 A and B are similar. Find the missing length.



7 A and B are similar. Find the missing length.



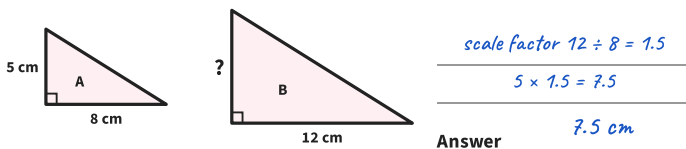
8 A and B are similar. Find the missing length.



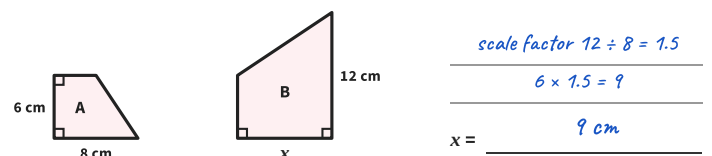
Similar Shapes: Missing Lengths further practice

ANSWERS

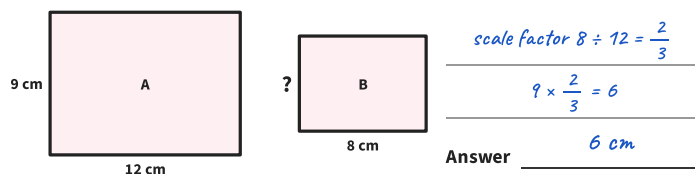
9 A and B are similar. Find the missing length.



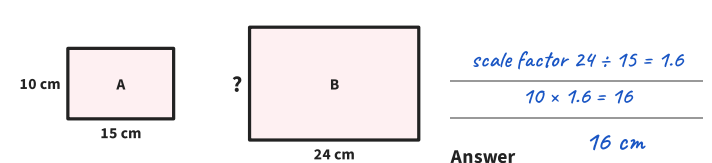
10 A and B are similar. Find the length x.



11 B is a smaller copy of A: they are similar. Find the missing length.



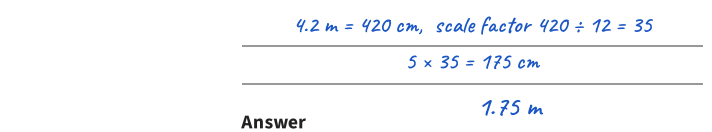
12 A photo, A, is enlarged to make B. A and B are similar. How tall is B?



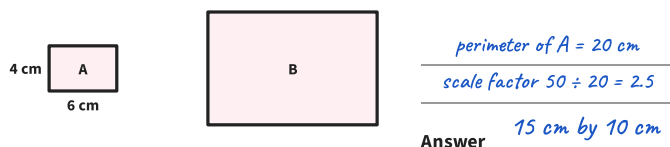
13 DE is parallel to BC. Triangles ADE and ABC are similar. Find x.



14 A model car is 12 cm long and 5 cm tall. The real car is similar to the model and is 4.2 m long. How tall is the real car? Give your answer in metres.



15 A and B are similar rectangles. The perimeter of B is 50 cm. Find the width and height of B.



16 Tom says B is similar to A because each side is 3 cm longer. Is Tom right? Explain.

