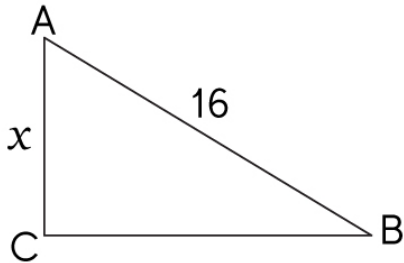


Ratio and Proportion

Geometry Worksheet

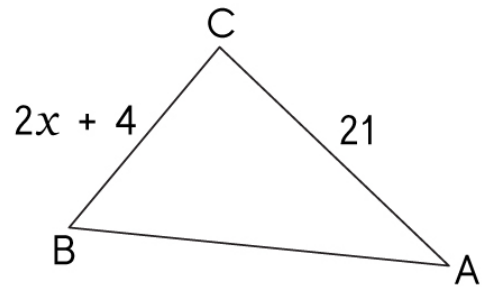
Use the given ratio and information in the figure to find the value of the variable(s).

① $AC : AB = 3 : 4$



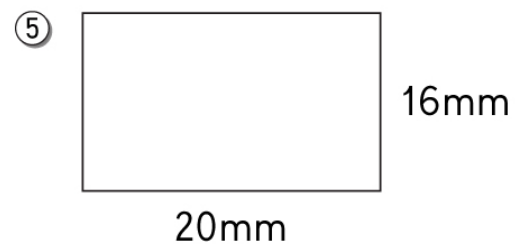
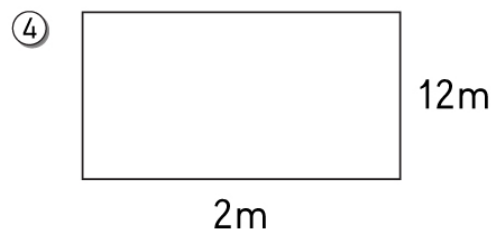
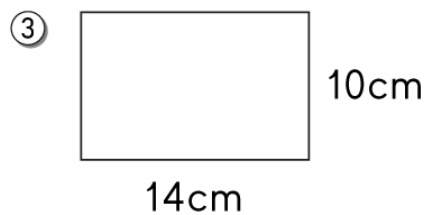
$x =$ _____

② $AC : BC = 7 : 4$

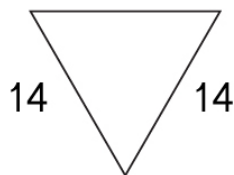
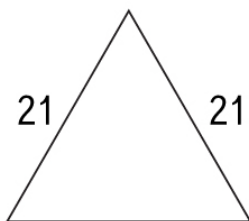


$x =$ _____

Find the width to length ratio of each rectangle. Then, simplify the ratio.



⑥ The given pair of polygons are similar. Find the scale factor of the smaller figure to the larger figure.



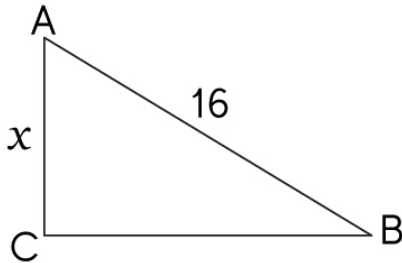
Ratio and Proportion

Geometry Worksheet

Answers

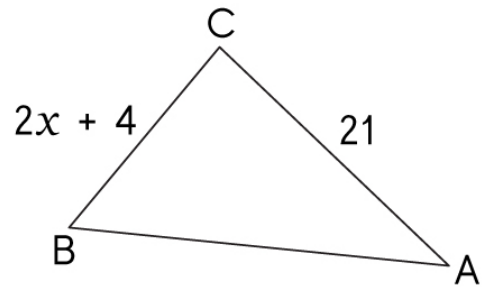
Use the given ratio and information in the figure to find the value of the variable(s).

① $AC : AB = 3 : 4$



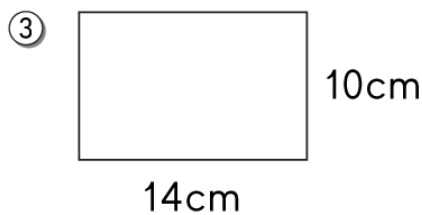
$x = \underline{12}$

② $AC : BC = 7 : 4$

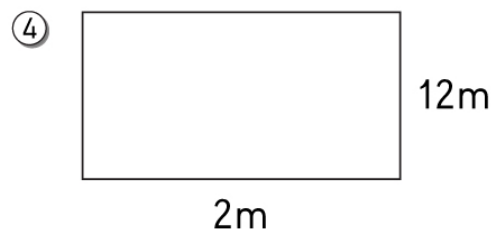


$x = \underline{4}$

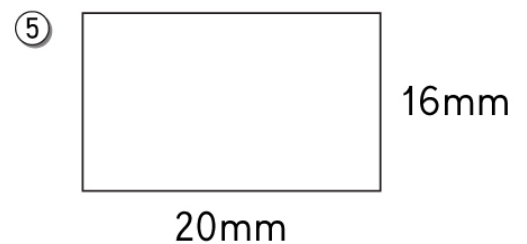
Find the width to length ratio of each rectangle. Then, simplify the ratio.



$\underline{5 : 7}$

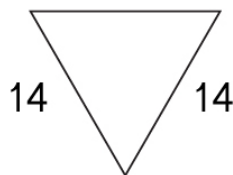
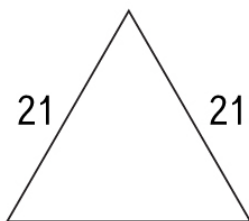


$\underline{6 : 1}$



$\underline{4 : 5}$

⑥ The given pair of polygons are similar. Find the scale factor of the smaller figure to the larger figure.



$\underline{\frac{2}{3}}$