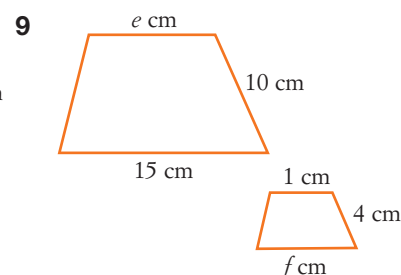
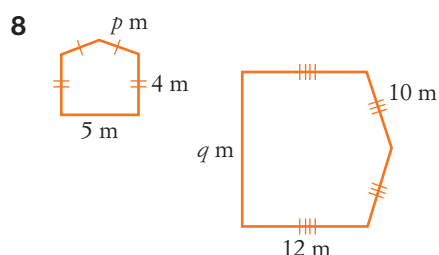
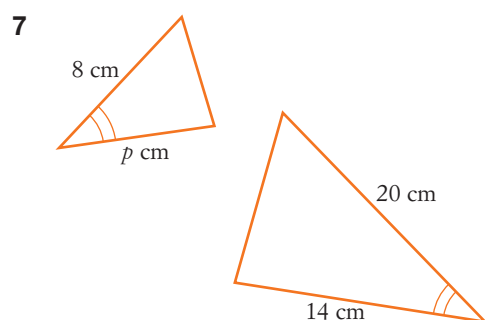
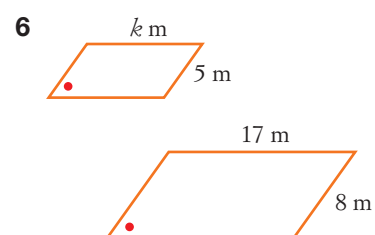
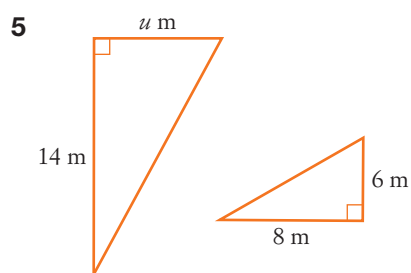
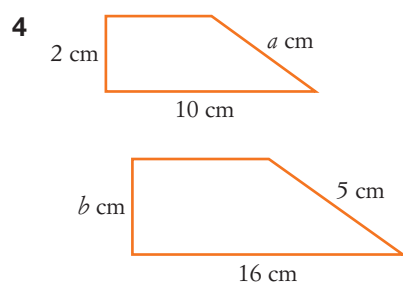
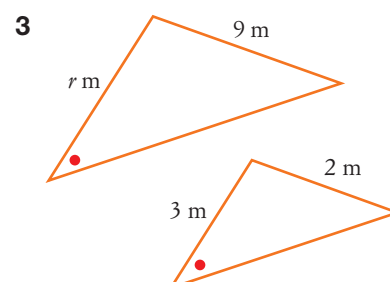
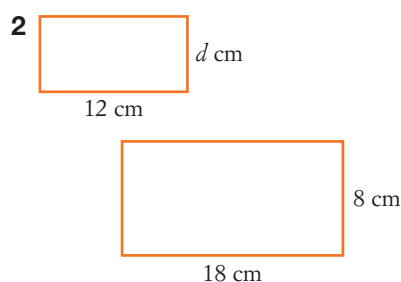
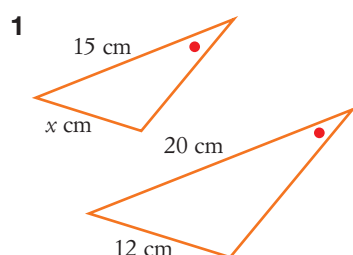


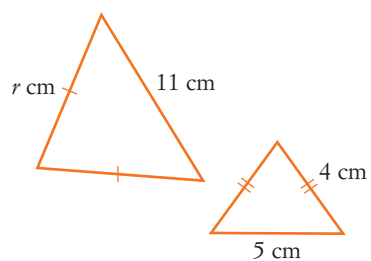
# WORKSHEET

## Finding sides in similar triangles

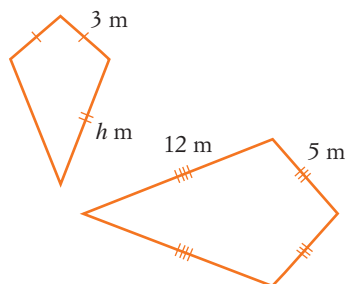
For each pair of similar figures: Find the scale factor.  
Find the value(s) of the pronumeral(s).



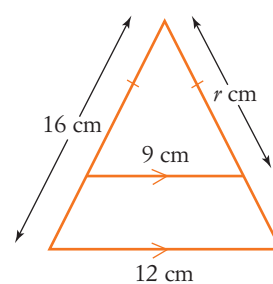
10



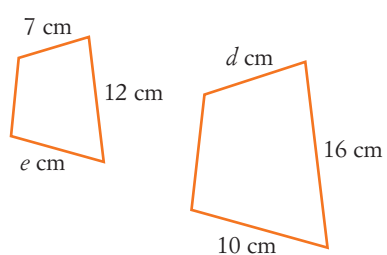
11



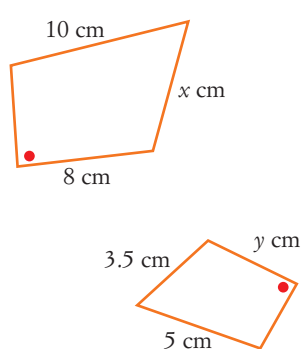
12



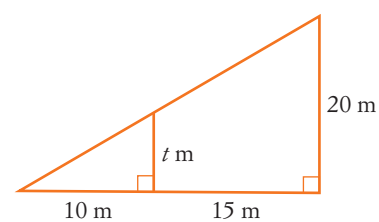
13



14



15



**Answers**

- 1  $1\frac{1}{3}, x = 9$
- 2  $1.5, d = 5\frac{1}{3}$
- 3  $\frac{2}{r}, r = 13.5$
- 4  $1.6, a = 3\frac{1}{8}, b = 3.2$
- 5  $\frac{4}{7}, u = 10.5$
- 6  $1.6, k = 10\frac{5}{8}$
- 7  $2.5, p = 5.6$
- 8  $3, p = 3\frac{1}{3}, q = 15$
- 9  $0.4, e = 2.5, f = 6$
- 10  $\frac{5}{11}, r = 8.8$
- 11  $1\frac{2}{3}, h = 7.2$
- 12  $1\frac{1}{3}, r = 12$
- 13  $1\frac{1}{3}, c = 7.5, d = 9\frac{1}{3}$
- 14  $0.5, x = 7, y = 4$
- 15  $2.5, t = 8$