

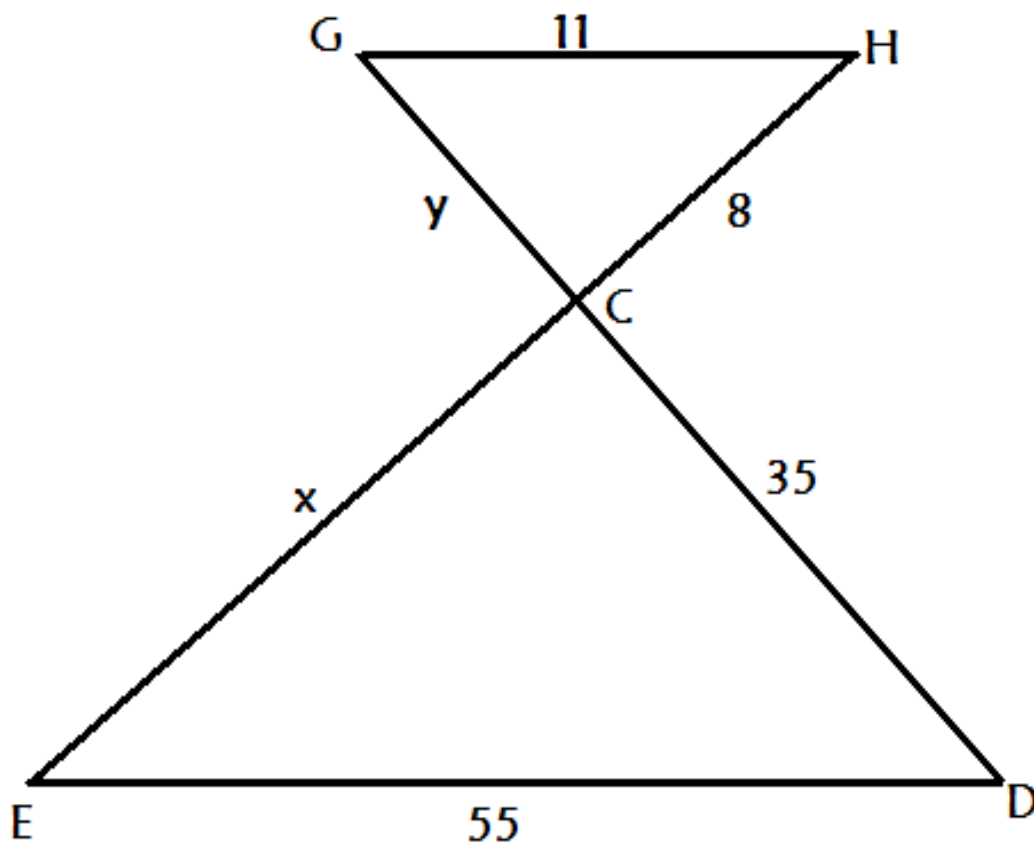


Printable Assessments CAMI Maths: Grade 8

Similarity

1. Similarity

1.1 Calculate the required sides.



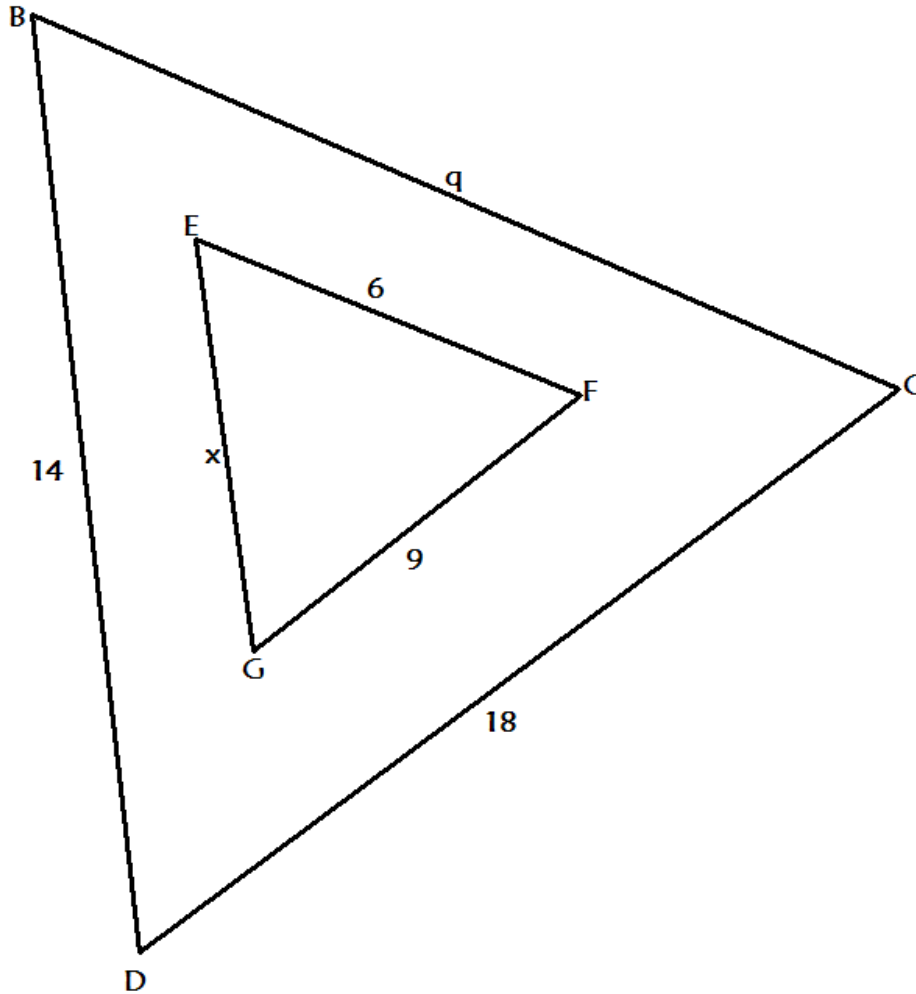
$\triangle CDE \parallel \triangle CGH$, calculate the values of x and y .





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1.2 Calculate the value of x and q if $\triangle BCD \parallel \parallel \triangle EFG$





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MEMO

1.1 Solve x and y.

[8.3.7.1]

$$\frac{35}{y} = \frac{55}{11} = \frac{x}{8}$$

$$\therefore x = 5 \times 8$$

$$\therefore x = 40$$

$$\frac{35}{y} = \frac{55}{11}$$

$$\therefore y = \frac{35}{5}$$

$$\therefore y = 7$$

1.2 Solve for x and q.

$$\frac{q}{6} = \frac{18}{9}$$

$$q = 12$$

$$\frac{14}{x} = \frac{18}{9}$$

$$x = 7$$

