

E3.4 Similarity

Question Paper

Level	IGCSE
Subject	Maths (0580)
Exam Board	Cambridge International Examinations (CIE)
Level	Core
Topic	E3. Geometry
Sub-Topic	E3.4 Similarity
Booklet	Question Paper

Time Allowed: 12 minutes

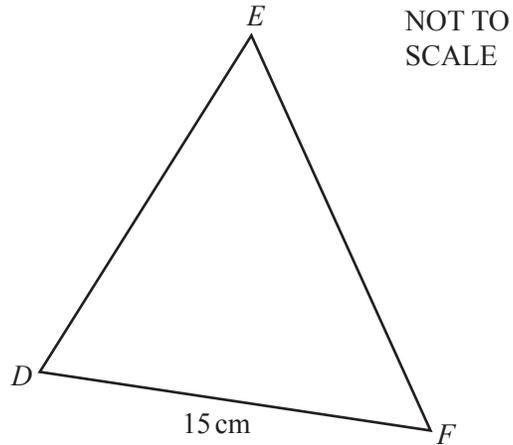
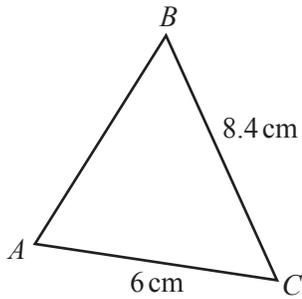
Score: /10

Percentage: /100

Grade Boundaries:

A*	A	B	C	D	E	U
>85%	75%	60%	45%	35%	25%	<25%

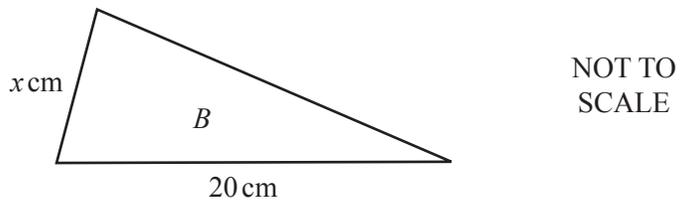
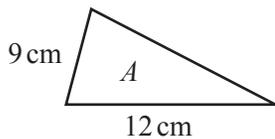
- 1 Triangle ABC and triangle DEF are similar.



Calculate the length of EF .

$EF = \dots\dots\dots\text{ cm}$ [2]

- 2

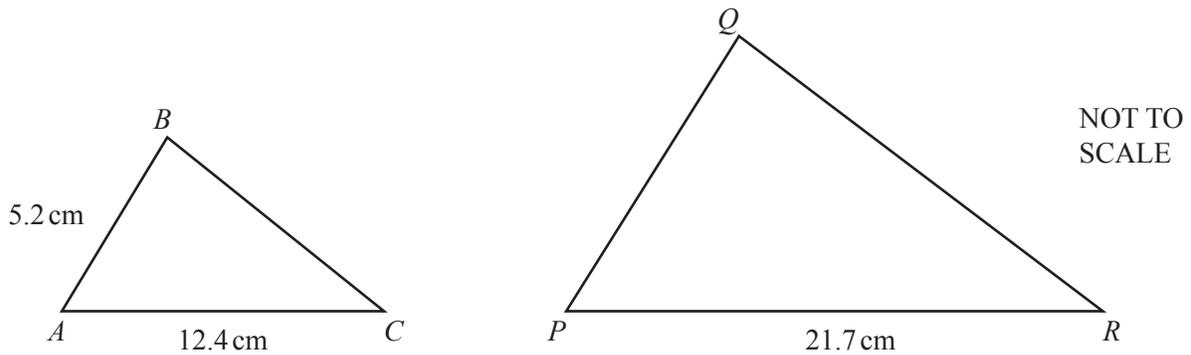


Triangle A and triangle B are similar.

Find the value of x .

$x = \dots\dots\dots$ [2]

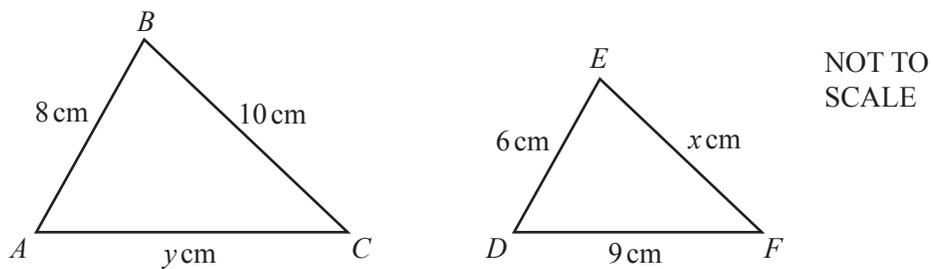
- 3 Triangle ABC is similar to triangle PQR .



Find PQ .

$PQ = \dots\dots\dots$ cm [2]

- 4



Triangle ABC is similar to triangle DEF .

Calculate the value of

- (a) x ,

Answer(a) $x = \dots\dots\dots$ [2]

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(b) y .

Answer(b) $y = \dots\dots\dots$ [2]