Geometric Proportions

Math

Name_____ Class_____ Date_____

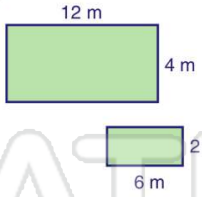
1 **Similar polygons** have equal corresponding angles and equal corresponding sides.

True or false?

A true
B false

2 The figure shown is of two **similar rectangles**.

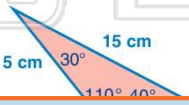
True or false?



A true
B false

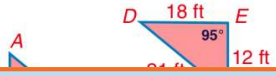
3 In the given figure shown, the triangles are **similar**.

True or false?



4 The triangles shown are **similar**. What is the measure of $\angle DFE$?

A 27°
B 42°



PREVIEW

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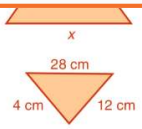
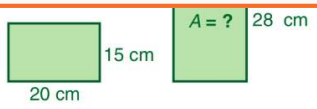
5

7

B 48 cm
C 55 cm
D 125 cm

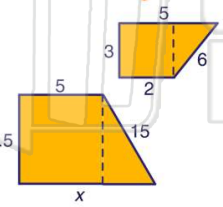


B 588 cm²
C 420 cm²
D 308 cm²



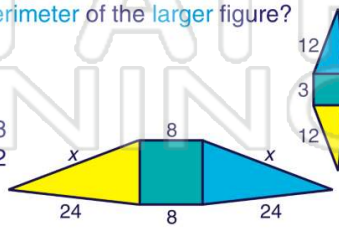
9 Given the **similar** figures shown, what is the measure of the missing side?

A 2
B 6
C 7.5
D 12.5



10 Using the **similar** figures shown, what is the perimeter of the larger figure?

A 48
B 62
C 128
D 152



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Geometric Proportions

Math

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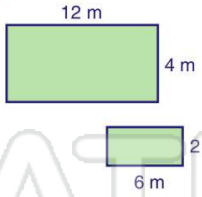

A true
B false

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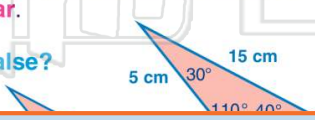
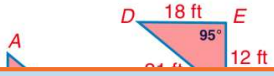


B

4 The triangles shown are **similar**. What is the measure of $\angle DFE$?



A 27°
B 42°

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PREVIEW

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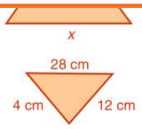

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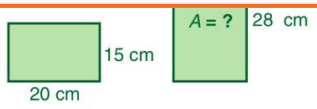

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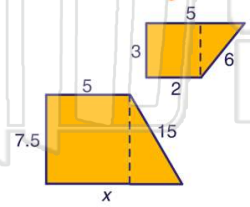

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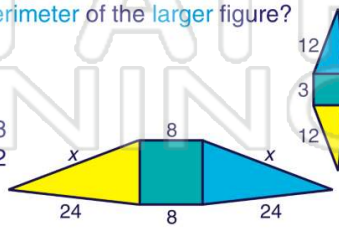

C

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