

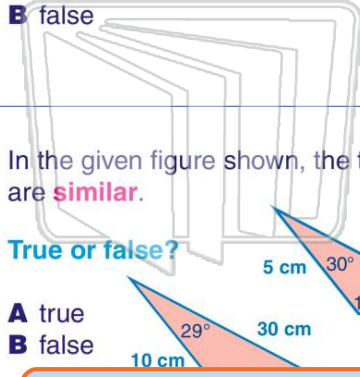


Name _____ Class _____ Date _____

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

True or false?

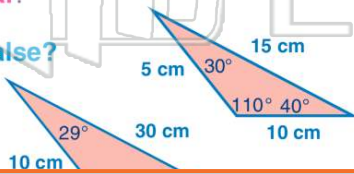
- A true
- B false



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

True or false?

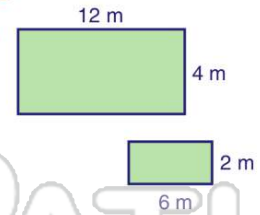
- A true
- B false



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

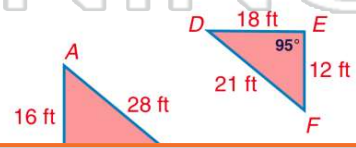
True or false?

- A true
- B false



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

- A 27°
- B 42°
- C 53°
- D 95°



5

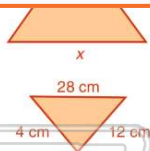


PREVIEW

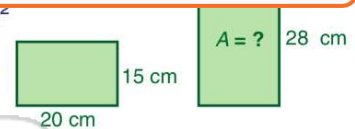
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7

- A 42 cm
- B 48 cm
- C 55 cm
- D 125 cm



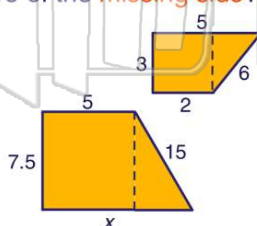
- A 1036 cm^2
- B 588 cm^2
- C 420 cm^2
- D 308 cm^2



9

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

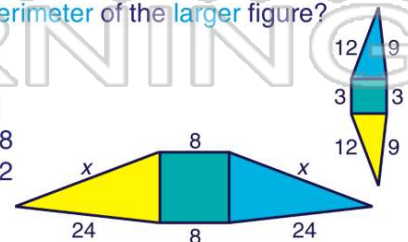
- A 2
- B 6
- C 7.5
- D 12.5



10

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

- A 48
- B 62
- C 128
- D 152



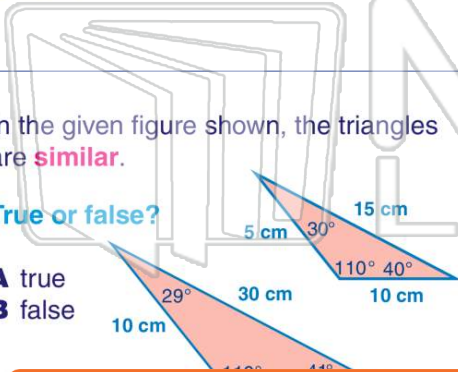


ANSWER KEY

Similar polygons have equal corresponding angles and equal corresponding sides.

True or false?

- A** true
- B** false



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

True or false?

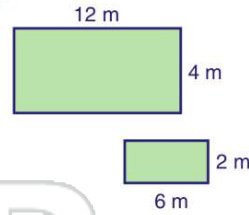
- A** true
- B** false

(b)

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

True or false?

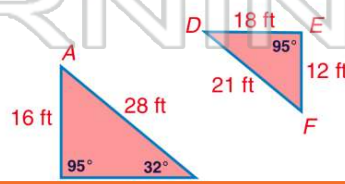
- A** true
- B** false



(a)

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

- A** 27°
- B** 42°
- C** 53°
- D** 95°



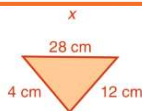
(c)



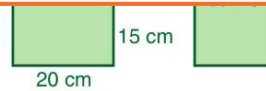
PREVIEW

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- A** 48 cm
- B** 55 cm
- C** 125 cm
- D** 125 cm

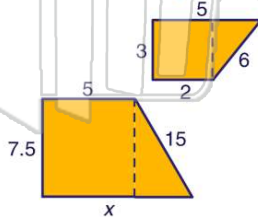


- A** 308 cm
- C** 420 cm^2
- D** 308 cm^2



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

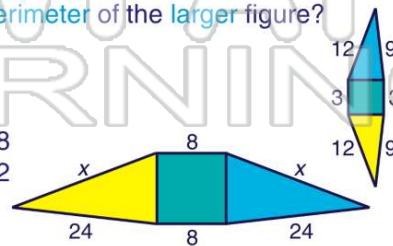
- A** 2
- B** 6
- C** 7.5
- D** 12.5



(d)

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

- A** 48
- B** 62
- C** 128
- D** 152



(c)