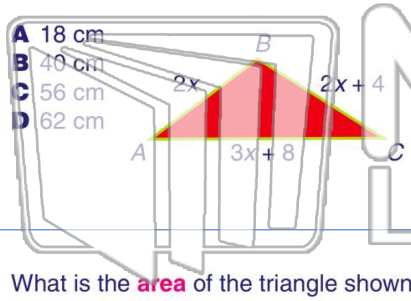
Perimeter and area

Name_____ Class_____ Date_____

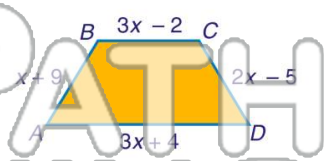
1 If the perimeter of the triangle shown is **124 cm**, what is **side *AC***?

A 18 cm
B 40 cm
C 56 cm
D 62 cm



2 If the perimeter of the trapezoid shown is **141 cm**, what is **side *CD***?

A 15 cm
B 24 cm
C 25 cm
D 43 cm



3 What is the **area** of the triangle shown if ***x* = 3 in.**?

4 What is the **area** of the trapezoid shown in terms of ***x***?

PREVIEW

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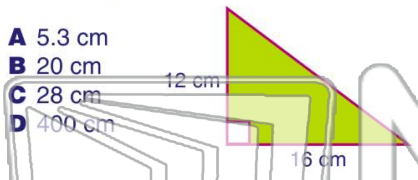
5

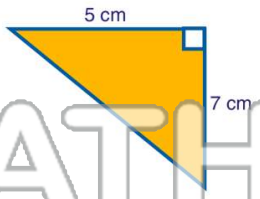
7

A 5.3 cm
B 20 cm
C 28 cm
D 400 cm



nearest tenth.

A 8.6 cm
B 8.4 cm
C 7.9 cm
D 4.9 cm

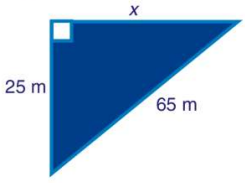


9 If the hypotenuse of an **isosceles right triangle** is **14 in.**, how long are the legs to the nearest tenth?

A 1.9 in.
B 3.7 in.
C 9.9 in.
D 19.9 in.

10 What is the length of the **missing leg** of the right triangle shown?

A 70 m
B 60 m
C 9 m
D 6 m



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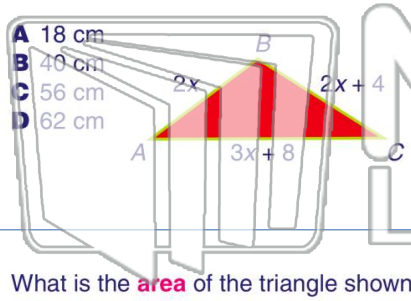

C

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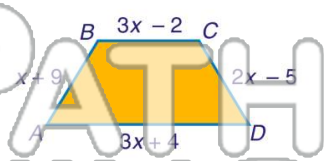

C

3 What is the **area** of the triangle shown if ***x* = 3 in.**?

4 What is the **area** of the trapezoid shown in terms of ***x***?

D

PREVIEW

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5

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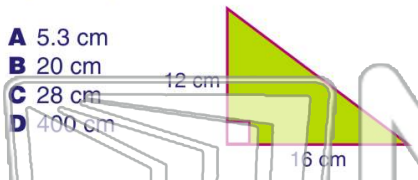

B

nearest tenth.

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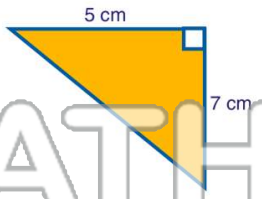

A

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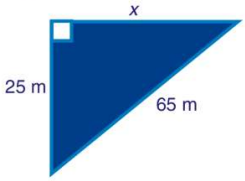

B

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