

Daily MCAS

2008 Mathematics MCAS – Grade 7

Simplify the following expression

$$(3 + 2.5) \cdot 2$$

A. 5.6

B. 8

C. 11

D. 25

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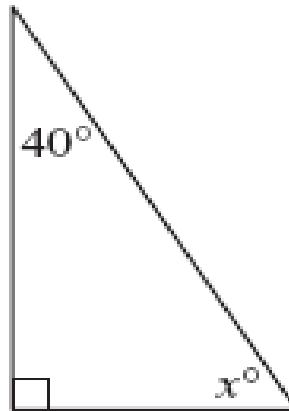
Ramon is going to walk, jog, and run a total distance of 30 miles for charity. He plans to $\frac{1}{2}$ walk of the total distance, jog $\frac{1}{3}$ of the total distance, and run the remaining distance. What is the distance that Ramon plans to run?

- A. 5 miles B. 10 miles C. 12 miles D. 18 miles

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A right triangle and some of its angle measures are shown below.

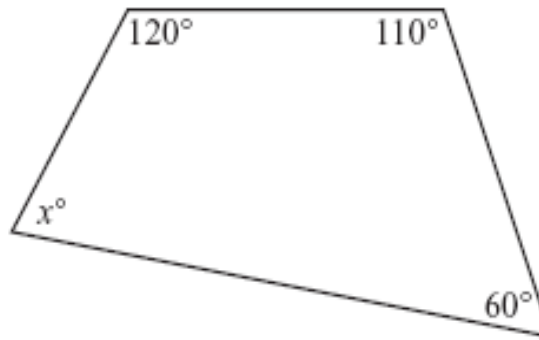


What is the value of x ?

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The figure below is a quadrilateral.



What is the value of x in the quadrilateral?