Possible Solution
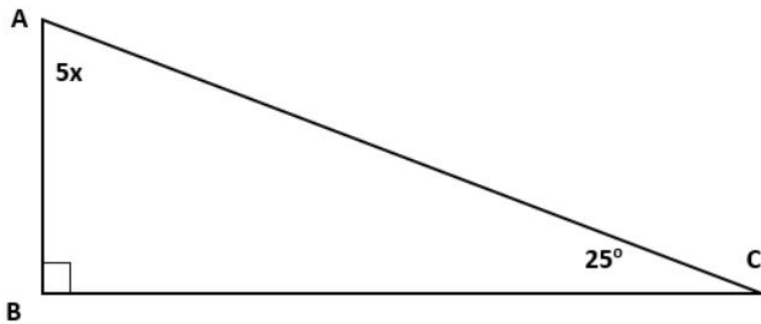

Write an equation to solve for x. Then find the measure of angle A.

$\angle A + \angle B + \angle C = 180$

5x + 90 + 25 = 180   Simplify

5x + 115 = 180   Subtract 115 from both sides

5x + 115 – 115 = 180 – 115   Simplify

5x = 65   Divide both sides by 5

5x = 65

5   5   Simplify

x = 13

$\angle A$ = 5x = 5(13) = 65°