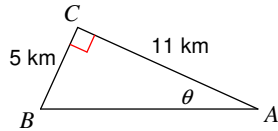


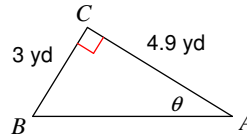
12-05-23A-T10 Trig

Find the measure (in degrees) of each angle indicated. Round to the nearest tenth.

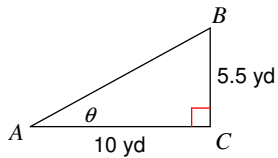
1)



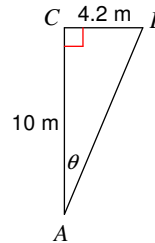
2)



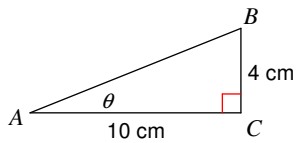
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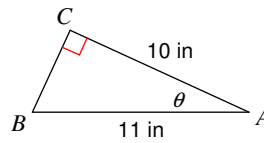
4)



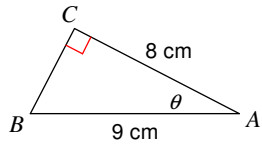
5)



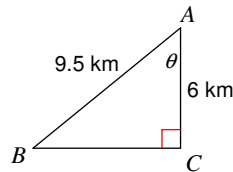
6)



7)



8)



In each problem, angle C is a right angle. Find the angle (degree) indicated to the nearest tenth.

9) Find $m\angle A$ if $c = 8$ mi, $b = 3$ mi

10) Find $m\angle A$ if $b = 9$ km, $c = 11$ km

11) Find $m\angle A$ if $a = 11$ ft, $c = 12$ ft

12) Find $m\angle A$ if $a = 4$ m, $b = 2.1$ m

Answers to 12-05-23A-T10 Trig

1) 24.4°

5) 21.8°

9) 68°

2) 31.5°

6) 24.6°

10) 35.1°

3) 28.8°

7) 27.3°

11) 66.4°

4) 22.8°

8) 50.8°

12) 62.3°