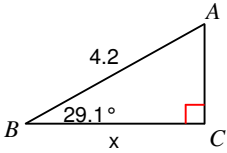
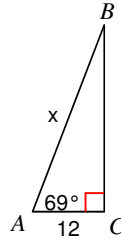


Find the measure of each side indicated. Round to the nearest tenth.

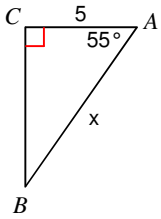
1)



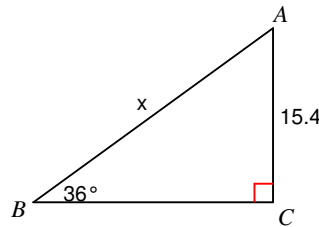
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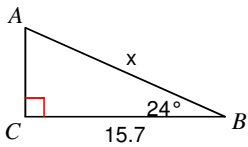
3)



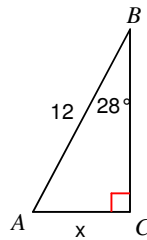
4)



5)



6)

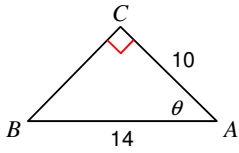


In each problem, angle C is a right angle. Find the side indicated to the nearest tenth.

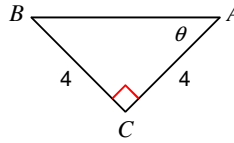
7) Find a if $c = 8$, $m\angle A = 59^\circ$ 8) Find a if $m\angle A = 34^\circ$, $a = 10.1$ 9) Find c if $a = 16$, $m\angle A = 51.6^\circ$ 10) Find a if $a = 9.2$, $m\angle B = 41^\circ$ 11) Find c if $m\angle A = 56^\circ$, $a = 11.9$ 12) Find a if $m\angle A = 66^\circ$, $c = 3.1$

Find the measure of each angle indicated. Round to the nearest tenth.

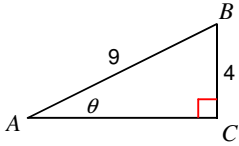
13)



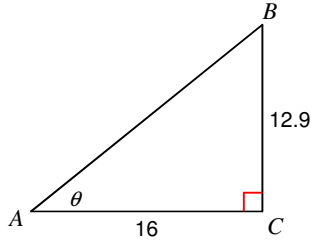
14)



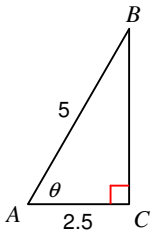
15)



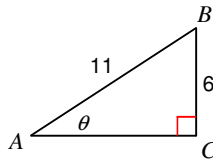
16)



17)



18)



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

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

20) Find $m\angle A$ if $c = 13$, $a = 7$

21) Find $m\angle A$ if $b = 15$, $a = 12$

22) Find $m\angle A$ if $b = 7$, $c = 12$

23) Find $m\angle A$ if $b = 7$, $c = 10$

24) Find $m\angle A$ if $a = 6$, $b = 6$

Answers to (ID: 1)

- | | | | |
|------------------|------------------|------------------|------------------|
| 1) 3.7 | 2) 33.5 | 3) 8.7 | 4) 26.2 |
| 5) 17.2 | 6) 5.6 | 7) 6.9 | 8) 10.1 |
| 9) 20.4 | 10) 9.2 | 11) 14.3 | 12) 2.8 |
| 13) 44.4° | 14) 45° | 15) 26.4° | 16) 38.9° |
| 17) 60° | 18) 33.1° | 19) 66.4° | 20) 32.6° |
| 21) 38.7° | 22) 54.3° | 23) 45.6° | 24) 45° |