

Skills Check 4 - Semester 1

Use a calculator to find each. Round your answers to the nearest ten-thousandth.

1) $\sin 280^\circ$

- A) 0.0852 B) -0.9848
C) -0.3907 D) 0.7193

2) $\tan 345^\circ$

- A) -0.1763 B) -0.2679
C) 1.3673 D) -0.5878

Find each angle measure to the nearest degree.

3) $\tan W = 8.1443$

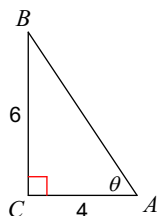
- A) 21° B) 27°
C) 1.45° D) 83°

4) $\sin V = 0.3256$

- A) 23° B) 24°
C) 0.01° D) 19°

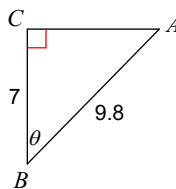
Find the measure of each angle indicated. Round to the nearest tenth.

5)



- A) 62.5° B) 65.6°
C) 43.6° D) 56.3°

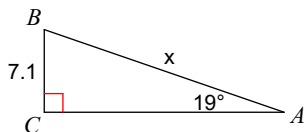
6)



- A) 48.3° B) 41.5°
C) 50.7° D) 44.4°

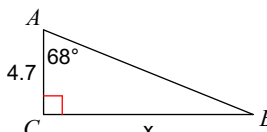
Find the measure of each side indicated. Round to the nearest tenth.

7)



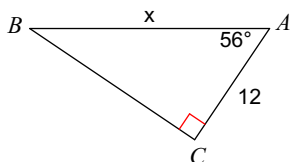
- A) 22.1 B) 25.4
C) 21.8 D) 24.2

8)



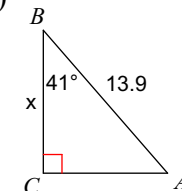
- A) 12.3 B) 9.4
C) 11.6 D) 11

9)



- A) 21.5 B) 24.2
C) 19.2 D) 20.4

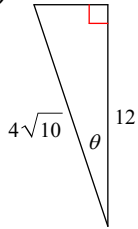
10)



- A) 12.4 B) 9.4
C) 11.2 D) 10.5

Find the value of the trig function indicated.

11) $\cos \theta$



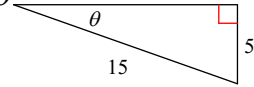
A) $\frac{1}{3}$

B) $\frac{\sqrt{10}}{10}$

C) 3

D) $\frac{3\sqrt{10}}{10}$

12) $\sin \theta$



A) $2\sqrt{2}$

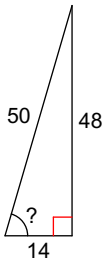
B) $\frac{21\sqrt{17}}{68}$

C) $\frac{4}{3}$

D) $\frac{1}{3}$

Find the measure of the indicated angle to the nearest degree.

13)



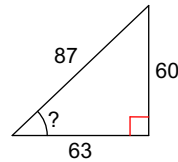
A) 44°

B) 77°

C) 74°

D) 16°

14)



A) 46°

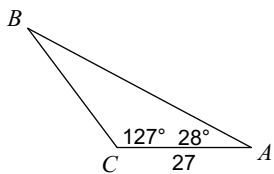
B) 44°

C) 74°

D) 18°

Find each measurement indicated. Round your answers to the nearest tenth.

15) Find BC



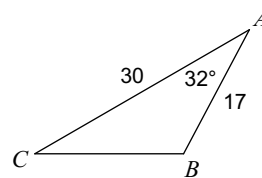
A) 28

B) 27

C) 33

D) 30

16) Find $m\angle B$



A) 118°

B) 117°

C) 142°

D) 100°