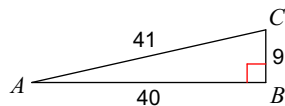


Unit 7.1 Tangent Ratios PRACTICE

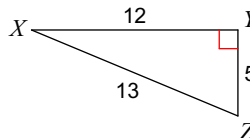
Find the value of each trigonometric ratio.

1) $\tan A$



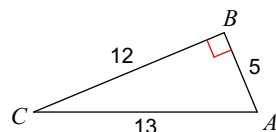
$$\frac{9}{40}$$

2) $\tan Z$



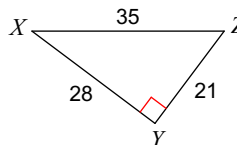
$$\frac{12}{5}$$

3) $\tan C$



$$\frac{5}{12}$$

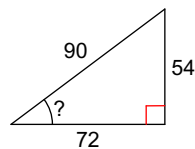
4) $\tan Z$



$$\frac{4}{3}$$

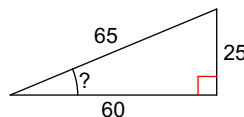
Find the measure of the indicated angle to the nearest degree.

5)



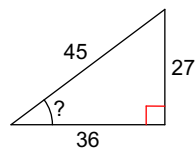
$$37^\circ$$

6)



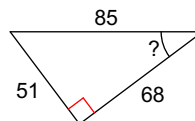
$$23^\circ$$

7)



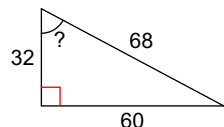
$$37^\circ$$

8)



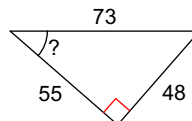
$$37^\circ$$

9)



$$62^\circ$$

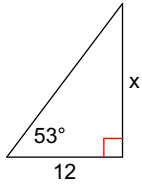
10)



$$41^\circ$$

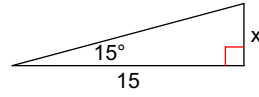
Find the missing side. Round to the nearest tenth.

11)



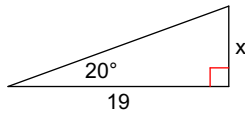
15.9

12)



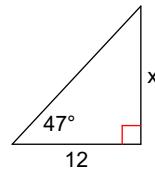
4.0

13)



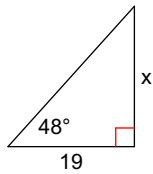
6.9

14)



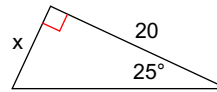
12.9

15)



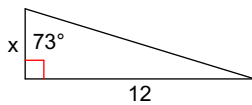
21.1

16)



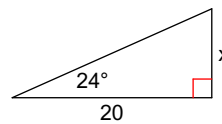
9.3

17)



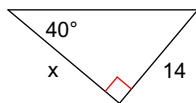
3.7

18)



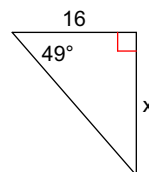
8.9

19)



16.7

20)



18.4