

Basic Trig - tangent function #1

Date _____ Period _____

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Find the value of each trigonometric ratio to the nearest ten-thousandth.

1) $\tan 88^\circ$

2) $\tan 58^\circ$

3) $\tan 36^\circ$

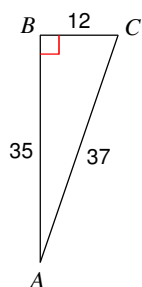
4) $\tan 78^\circ$

5) $\tan 79^\circ$

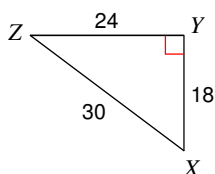
6) $\tan 19^\circ$

Find the value of each trigonometric ratio.

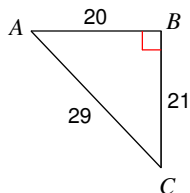
7) $\tan A$



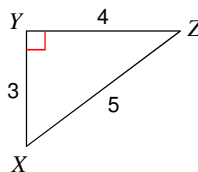
8) $\tan X$



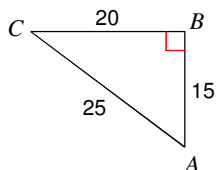
9) $\tan C$



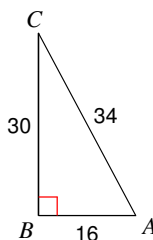
10) $\tan Z$



11) $\tan C$

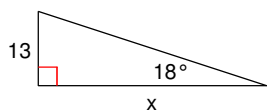


12) $\tan A$



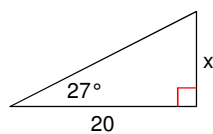
Find the missing side. Round to the nearest tenth.

13)



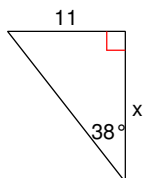
- A) 33.0 B) 40.0
C) 30.8 D) 4.2

14)



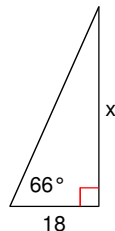
- A) 6.0 B) 10.2
C) 9.4 D) 39.3

15)



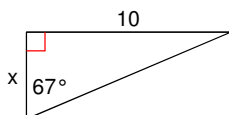
- A) 8.6 B) 10.1
C) 14.1 D) 7.2

16)



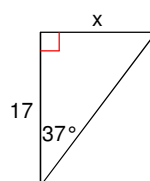
- A) 26.7 B) 8.0
C) 31.1 D) 40.4

17)



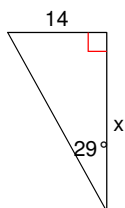
- A) 4.2 B) 23.6
C) 5.4 D) 2.3

18)



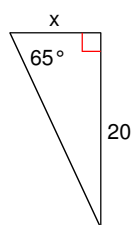
- A) 12.8 B) 22.6
C) 12.2 D) 8.8

19)



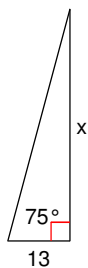
- A) 13.4 B) 27.8
C) 7.8 D) 25.3

20)



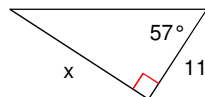
- A) 9.3 B) 8.7
C) 42.9 D) 13.0

21)



- A) 52.9 B) 3.5
C) 48.5 D) 56.9

22)



- A) 16.0 B) 16.9
C) 7.1 D) 18.7