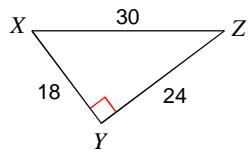


Trig Ratios - no calculator

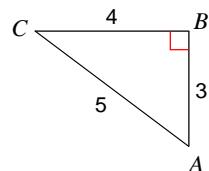
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Find the value of each trigonometric ratio.

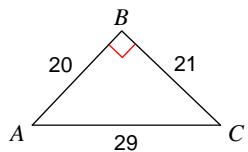
1) $\tan X$



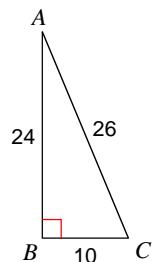
2) $\cos C$



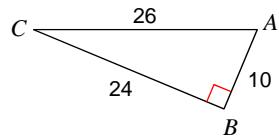
3) $\sin A$



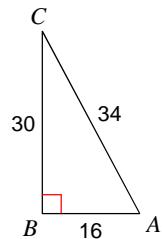
4) $\tan C$



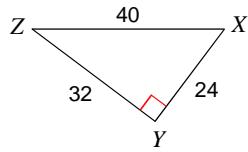
5) $\tan C$



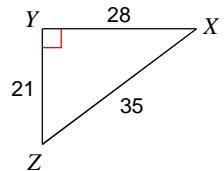
6) $\cos C$



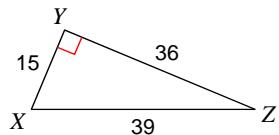
7) $\cos Z$



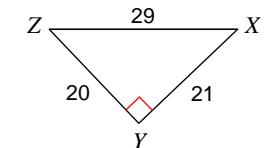
8) $\sin X$



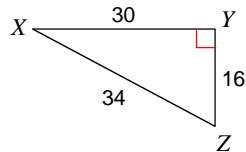
9) $\cos X$



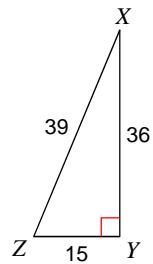
10) $\cos X$



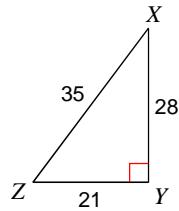
11) $\sin Z$



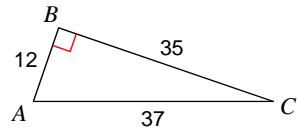
12) $\sin X$



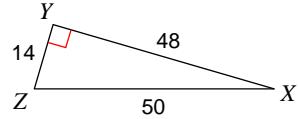
13) $\tan Z$



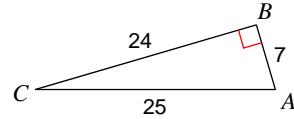
14) $\cos C$



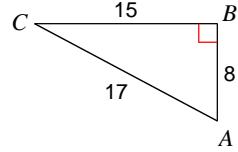
15) $\cos Z$



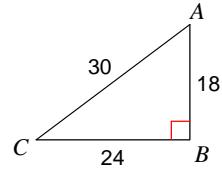
16) $\sin C$



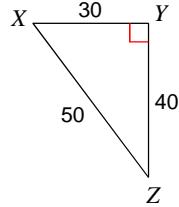
17) $\tan C$



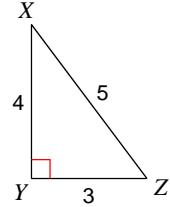
18) $\cos C$



19) $\sin X$

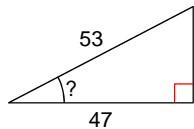


20) $\sin X$

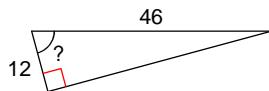


Write the equation used to solve for the measure of the indicated angle, then write the expression for the measure of the angle.

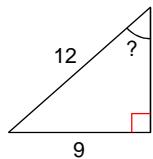
21)



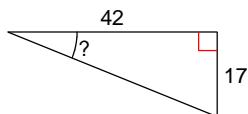
22)



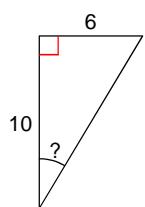
23)



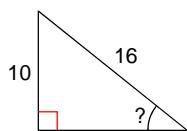
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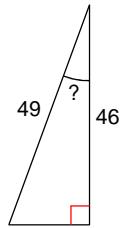
25)



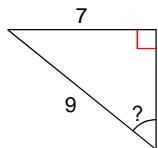
26)



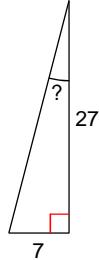
27)



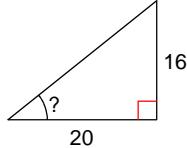
28)



29)



30)



Answers to Trig Ratios - no calculator (ID: 1)

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

2) $\frac{4}{5}$

3) $\frac{21}{29}$

4) $\frac{12}{5}$

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

6) $\frac{15}{17}$

7) $\frac{4}{5}$

8) $\frac{3}{5}$

9) $\frac{5}{13}$

10) $\frac{21}{29}$

11) $\frac{15}{17}$

12) $\frac{5}{13}$

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

14) $\frac{35}{37}$

15) $\frac{7}{25}$

16) $\frac{7}{25}$

17) $\frac{8}{15}$

18) $\frac{4}{5}$

19) $\frac{4}{5}$

20) $\frac{3}{5}$

21) 28°

22) 75°

23) 49°

24) 22°

25) 31°

26) 39°

27) 20°

28) 51°

29) 15°

30) 39°