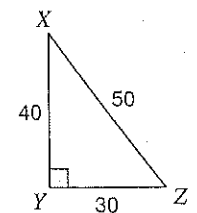
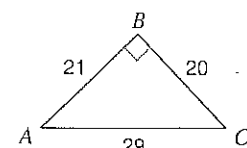
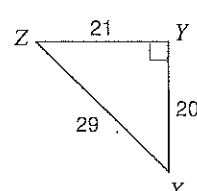
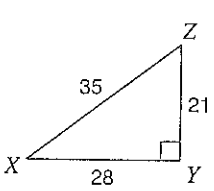
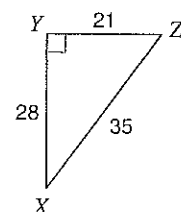
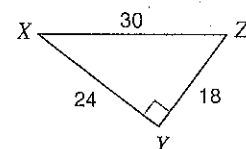
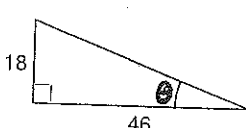
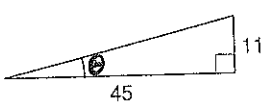
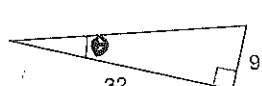
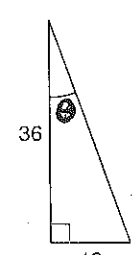
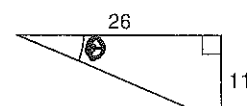
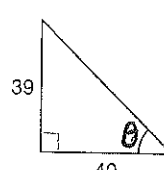


Find the value of each trigonometric ratio. (side ratio)

1. tan Z 	2. tan A 	3. tan X 
4. tan X 	5. tan Z 	6. tan Z 

Find the measure of the indicated angle.

Be sure calculator is in degree mode!

7. 	8. 	9. 
10. 	11. 	12. 

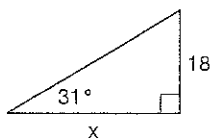
Solutions:

44.27°	$\frac{3}{4}$	19.86°	13.74°	$\frac{4}{3}$	$\frac{21}{20}$	$\frac{20}{21}$	15.71°	$\frac{4}{3}$	22.93°	$\frac{4}{3}$	21.37°
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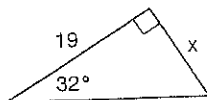
Find the missing side. Round to the nearest tenth.

(Degree mode must be used.)

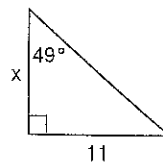
13.



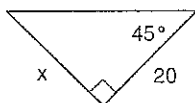
14. -



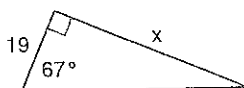
15.



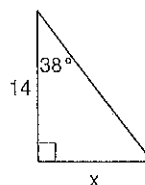
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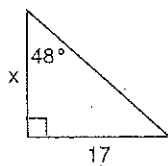
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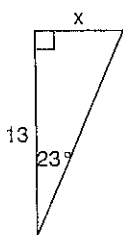
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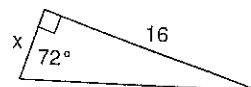
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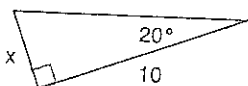
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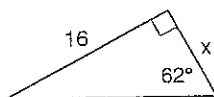
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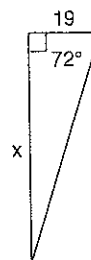
22.



23.



24.



Solutions:

9.6	15.3	20.0	44.8	10.9	58.5	11.9	5.2	8.5	3.6	30.0	5.5
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