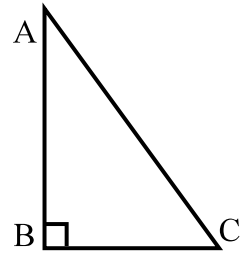


Trigonometry 3

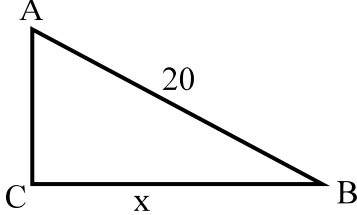
Find the trigonometric ratios using the information given. Use the figure at the right.

- | | | |
|---------------------|------------|------------|
| 1) $\sin A = 3/5$ | $\cos C =$ | $\tan A =$ |
| 2) $\tan A = 20/21$ | $\sin A =$ | $\tan C =$ |
| 3) $\tan C = 15/8$ | $\tan A =$ | $\sin A =$ |
| 4) $\sin C = 35/37$ | $\cos A =$ | $\cos C =$ |

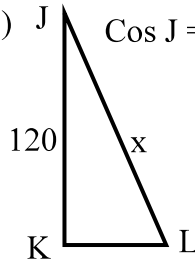


Use a proportion or an equation to find x in each problem below. Round each length to the tenth.

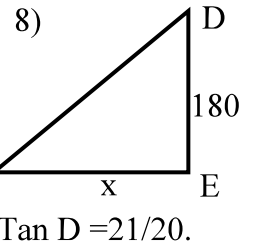
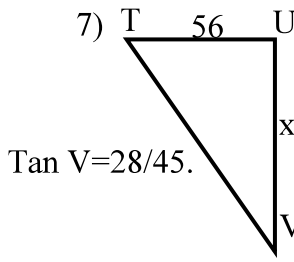
5) $\sin A = 4/5$.



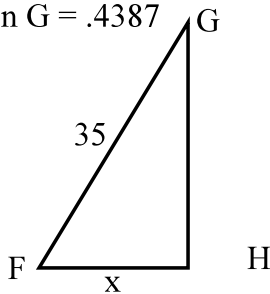
6) $\cos J = 24/25$.



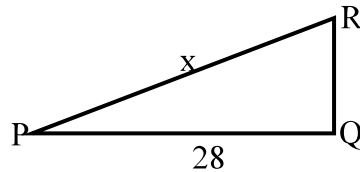
7) $\tan V = 28/45$.



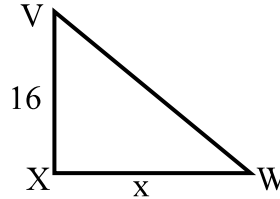
9) $\sin G = .4387$



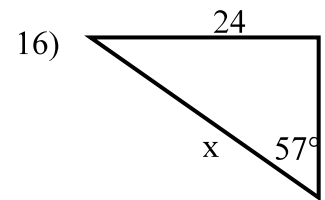
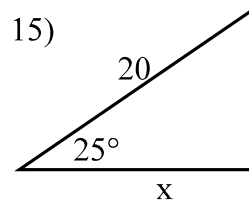
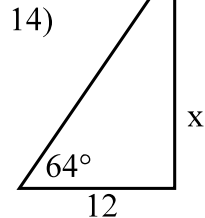
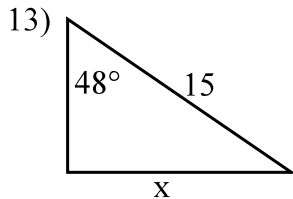
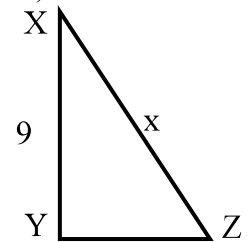
10) $\sin R = .9724$



11) $\tan V = 1.1482$



12) $\cos X = .7732$



Give each trigonometric ratio to 4 places.

- 17) $\tan 26^\circ$ 18) $\cos 71^\circ$ 19) $\tan 82^\circ$ 20) $\sin 43^\circ$ 21) $\tan 67^\circ$

Solve each triangle. Give the measure of each side and angle to the nearest tenth.

