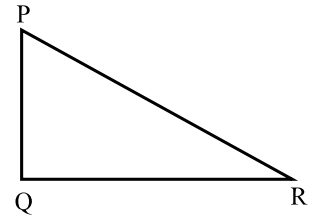


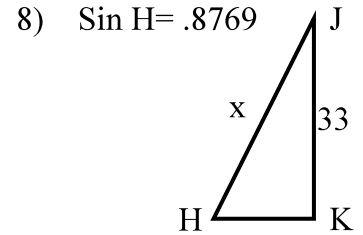
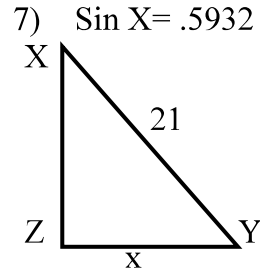
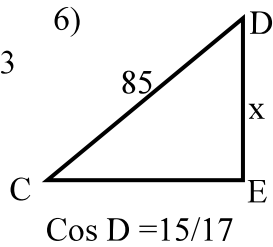
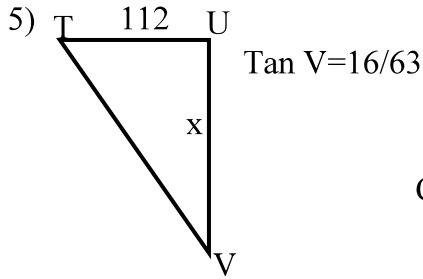
### Trigonometry 5

Find the trigonometric ratios using the information given.

- |                     |            |            |
|---------------------|------------|------------|
| 1) $\tan R = 15/36$ | $\tan P =$ | $\sin P =$ |
| 2) $\cos P = 33/65$ | $\cos R =$ | $\tan P =$ |
| 3) $\sin P = 55/73$ | $\tan R =$ | $\sin R =$ |
| 4) $\cos R = 72/97$ | $\cos P =$ | $\sin R =$ |



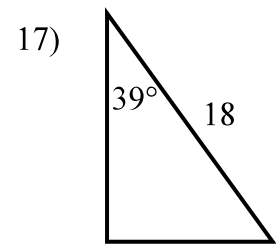
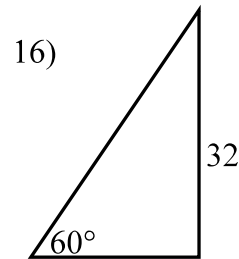
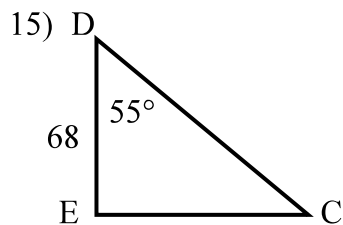
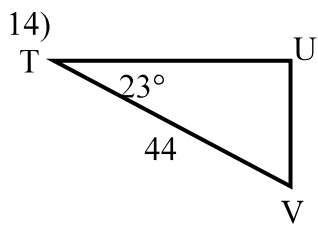
Use a proportion or an equation to find  $x$  in each problem below.



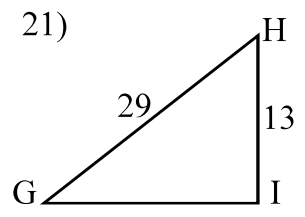
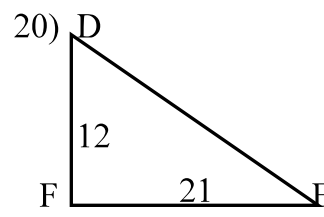
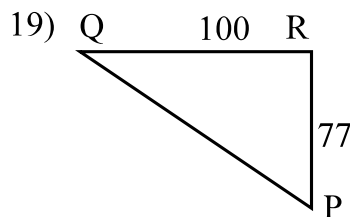
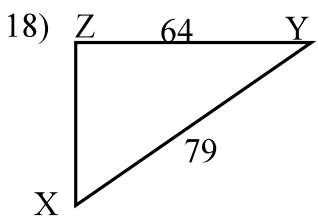
Give each trigonometric ratio to 4 places.

- 9)  $\cos 72^\circ$       10)  $\tan 14^\circ$       11)  $\cos 38^\circ$       12)  $\sin 43^\circ$       13)  $\tan 86^\circ$

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



Find the measure of each acute angle to the nearest tenth of a degree.



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

