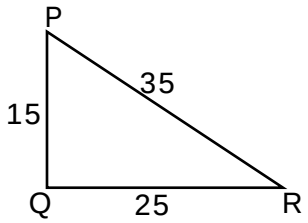
Name _____ Date _____

Cos and Sin Trigonometric Ratios - Independent Practice Worksheet

Complete all the problems. Make sure to draw pictures to help you solve the problems.

1. Write each trigonometric ratio. Sin R

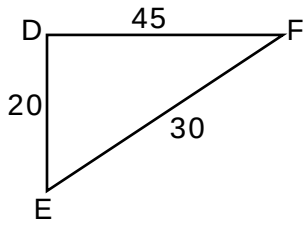
2. Write each trigonometric ratio. Cos P



3. A 15 feet pole stands in the center of the ground. Point A is the top of pole, point B is End of the pole's shadow and point C is the bottom of pole. The distance of point A to Point B is 30 feet. Now calculate, the distance of point B to point C?

4. Write each trigonometric ratio. Cos E.

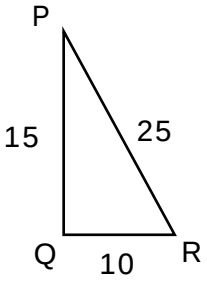
5. Write each trigonometric ratio. Sin E.



6. A 36 inches long hockey stick is leaning on a wall, at the point X. Point y is a bottom of the hockey stick. The stick makes a 30^{o} angle off the wall. Point Z is the corner of wall. Now calculate the distance from point Z to X.

7. Write each trigonometric ratio. Sin P.

8. Write each trigonometric ratio. Sin R.



9. Write each trigonometric ratio. Cos L.

10. Write each trigonometric ratio. Cos K.