

Inverse Trigonometric Ratios

Approximate each angle measure to the nearest hundredth degree.

- 1) $\sin B = 0.4848$ 2) $\tan W = 19.0811$ 3) $\cos A = 0.7431$
- 4) $\cos D = 0.5878$ 5) $\sin E = 0.1150$ 6) $\tan P = 0.2317$

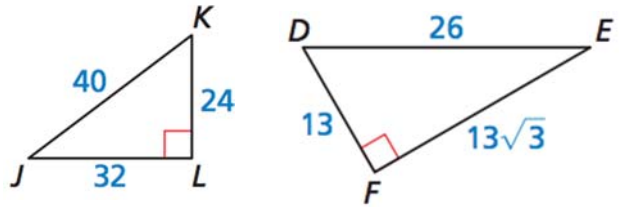
Determine which acute angle has the given trigonometric ratio.

5) The cosine of the angle is 0.86

6) The tangent of the angle is 0.75

7) The sine of the angle is $\frac{4}{5}$

8) The tangent of the angle is $\frac{\sqrt{3}}{3}$



Find the measure of the indicated angle to the nearest degree.

