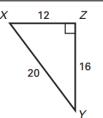
Find the trigonometric ratio. Leave as a fraction and reduce.

1. sin *X*



4. Find tan 15° to the nearest hundredth.

2. cos *X*

5. Find $\sin^{-1}\frac{3}{5}$ to the nearest degree.

3. tan *Y*

6. Find tan⁻¹ 1.2 to the nearest degree.