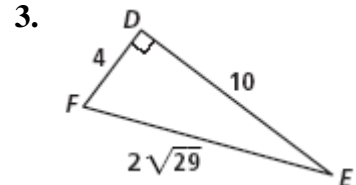
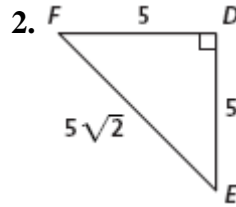
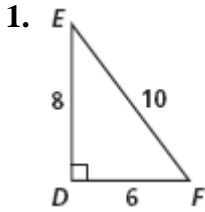


**Practice 8-3**

**The Tangent Ratio**

Write the tangent ratios for  $\angle E$  and  $\angle F$ .



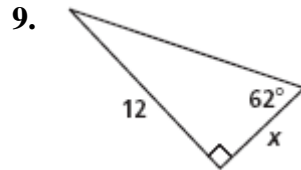
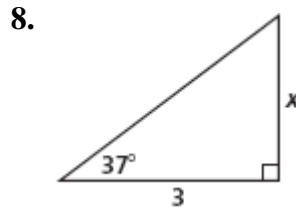
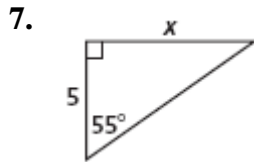
Find each missing value. Round your answers to the nearest tenth.

4.  $\tan 46^\circ = \frac{?}{12}$

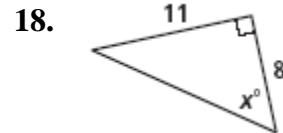
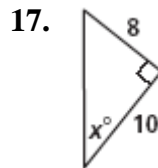
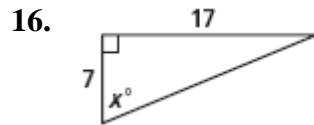
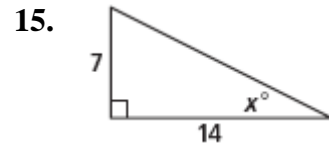
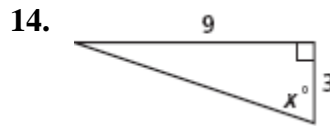
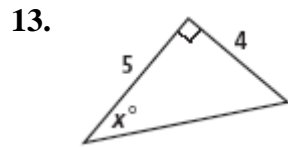
5.  $\tan \text{---} = \frac{3}{5}$

6.  $\tan 12^\circ = \frac{3}{?}$

Find the value of  $x$ . Round your answers to the nearest tenth.



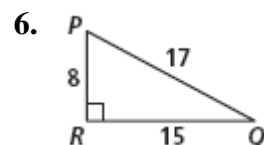
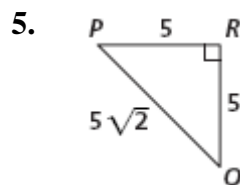
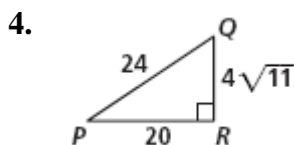
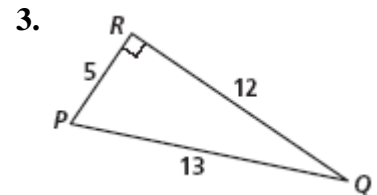
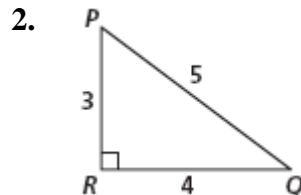
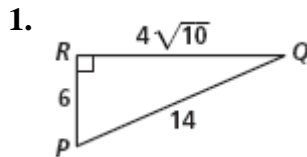
Find the value of  $x$ . Round your answers to the nearest degree.



**Practice 8-4**

**Sine and Cosine Ratios**

Write the ratios for  $\sin P$  and  $\cos P$ .



Find the value of  $x$ . Round lengths of segments to the nearest tenth and angle measures to the nearest degree.

