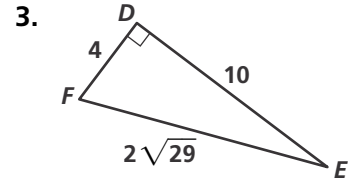
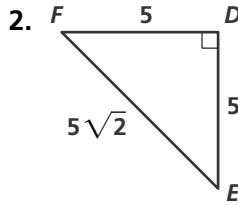
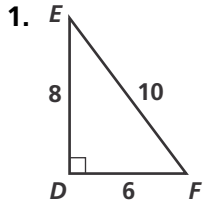


# Practice 9-1

## The Tangent Ratio

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



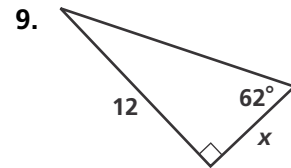
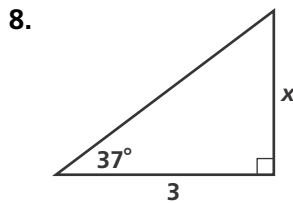
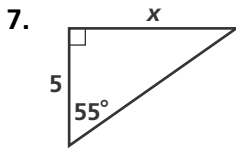
Find each missing value. Round your answers to the nearest tenth.

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

5.  $\tan ? = \frac{3}{5}$

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

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



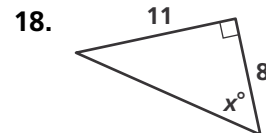
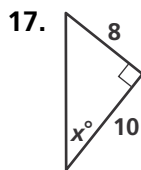
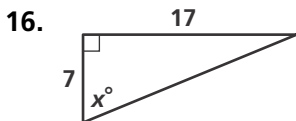
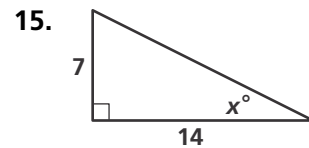
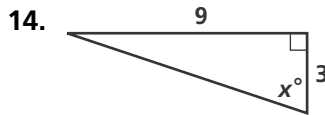
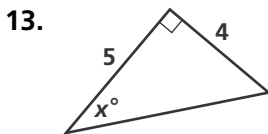
To the nearest tenth, find the measure of the acute angle that the given line forms with a horizontal line.

10.  $y = 5x + 3$

11.  $y = \frac{1}{2}x + 4$

12.  $y = 3x - 6$

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



© Pearson Education, Inc. All rights reserved.