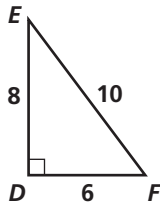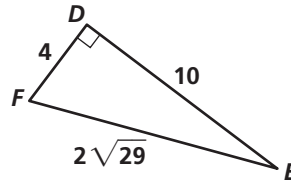# Practice 8-3

The Tangent Ratio

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

1. _____
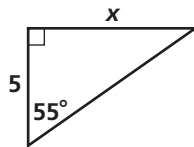

2. _____

Find each missing value. Round your answers to the nearest tenth.
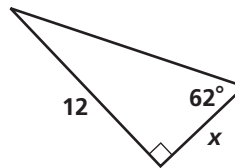
3. $\tan 46° = \dfrac{?}{12}$

4. $\tan \underline{\ ?\ } = \dfrac{3}{5}$

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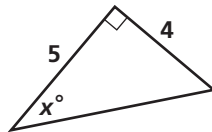
5. _____

6. _____

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

7. $y = \dfrac{1}{2}x + 4$
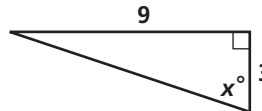
8. $y = 3x - 6$

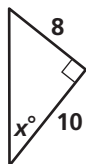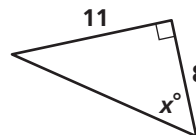**Find the value of x. Round your answers to the nearest degree.**

9. _____

10. _____

11. _____

12. _____