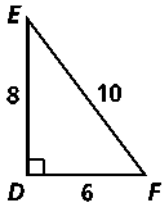
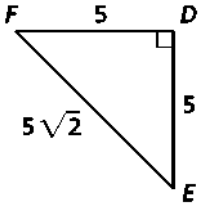
Name _____ Class _____ Date _____

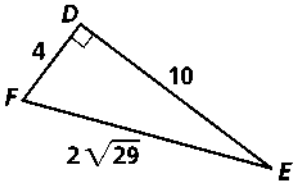
Practice 8-3

The Tangent Ratio

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

1. 

2. 

3. 

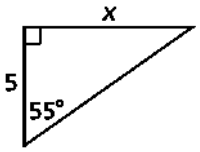
Find each missing value. Round your answers to the nearest tenth.

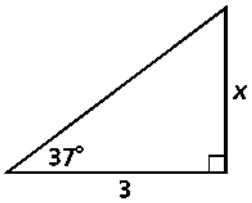
4. $\tan 46° = \frac{?}{12}$

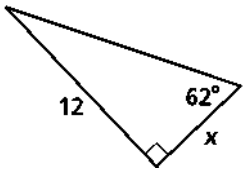
5. $\tan \underline{\ ?\ } = \frac{3}{5}$

6. $\tan 12° = \frac{3}{?}$

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

7. 

8. 

9. 

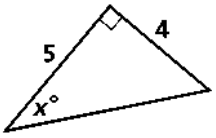
To the nearest tenth, find the measure of the acute angle that the given line forms with a horizontal line.

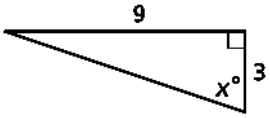
10. $y = 5x + 3$

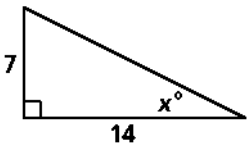
11. $y = \frac{1}{2}x + 4$

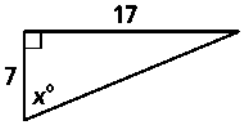
12. $y = 3x - 6$

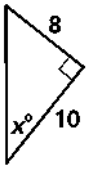
Find the value of *x*. Round your answers to the nearest degree.

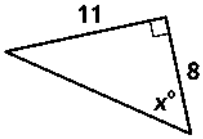
13. 

14. 

15. 

16. 

17. 

18. 

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