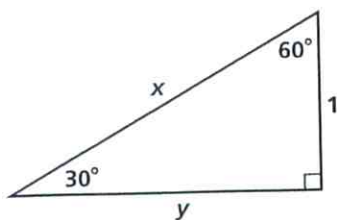


Practice 8-2 *SHOW WORK (.2, $\frac{2}{3}\sqrt{3}$, etc)*

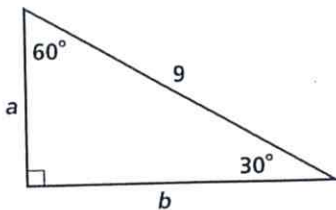
Special Right Triangles

Find the value of each variable. Leave your answers in simplest radical form. (no decimals)

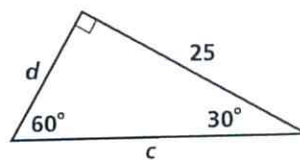
1.



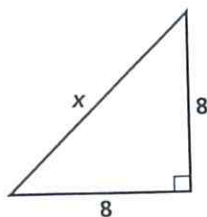
2.



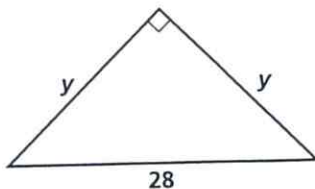
3.



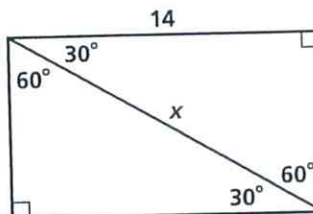
4.



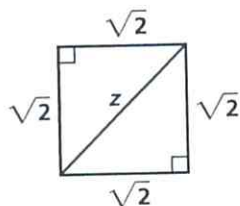
5.



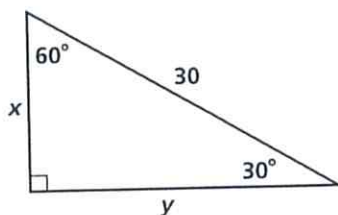
6.



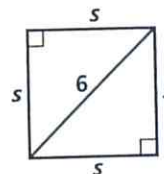
7.



8.



9.

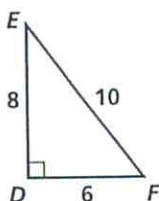


Practice 8-3

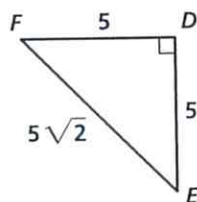
The Tangent Ratio

Write the tangent ratios for $\angle E$ and $\angle F$. *Reduce ratio when possible*

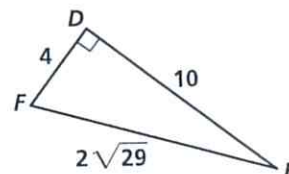
1.



2.



3.



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

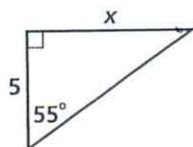
4. $\tan 46^\circ = \frac{?}{12}$

5. $\tan 80^\circ = \frac{3}{x}$

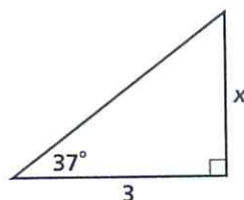
6. $\tan 12^\circ = \frac{3}{?}$

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

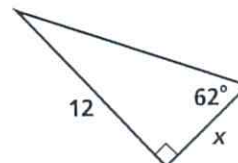
7.



8.



9.



Solve. Show all steps!