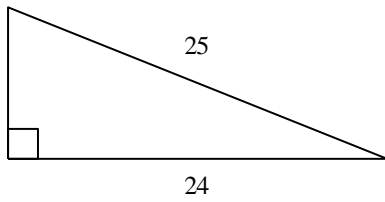


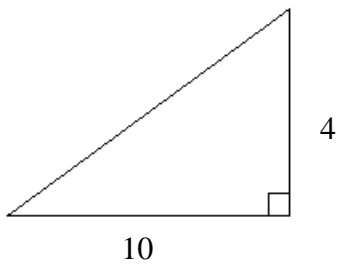
**Pythagorean Theorem/Trig. Function Quiz**

1. Find the length of the missing side. Leave your answer in simplest radical form when necessary.

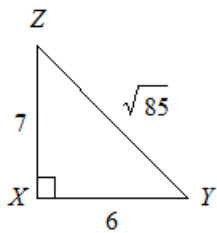
a.



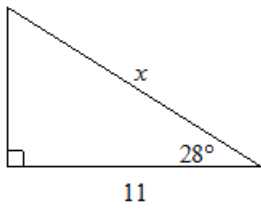
b.



2. Write the tangent ratios for  $\angle Y$  and  $\angle Z$ . You are not solving.

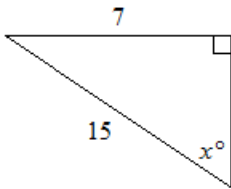


3. Find the value of  $x$ . Round to the nearest tenth.



4. Find the value of  $x$ . Round to the nearest whole degree.

a.



b.

