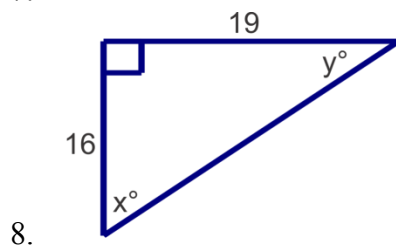
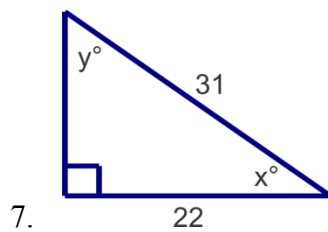
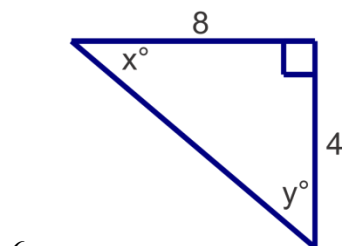
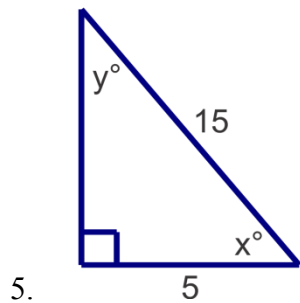
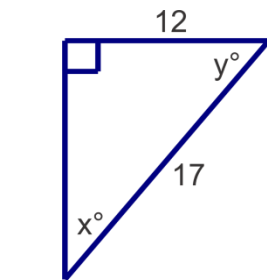


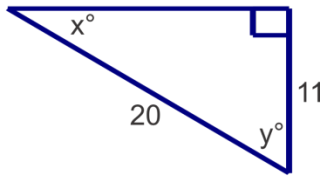
Practice Problems—Using Trig to Find Unknown Angle Measures

Use your calculator to find the measure of angle B . Round answers to the nearest degree.

1. $\tan B = 0.9523$
2. $\sin B = 0.8659$
3. $\cos B = 0.1568$

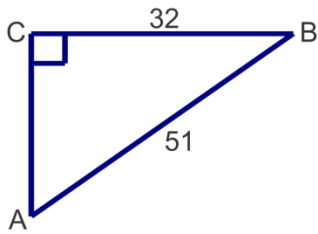
Find the measures of the unknown acute angles. Round measures to the nearest degree.



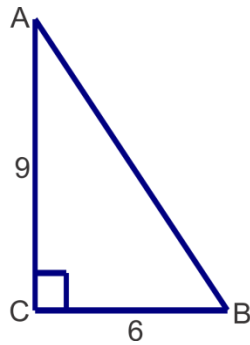


9.

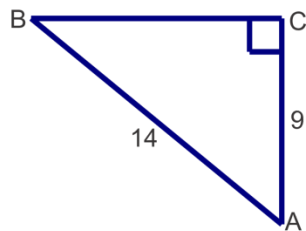
Solve the following right triangles. Round angle measures to the nearest degree and side lengths to the nearest tenth.



10.



11.



12.