# Lesson 3 Homework Practice

## *Triangles*

**Find the value of $x$.**

**1.**



**2.**



**3.**
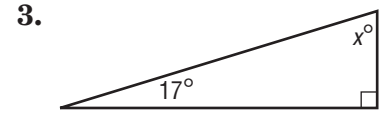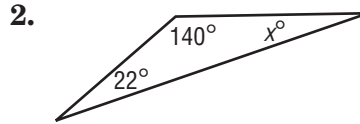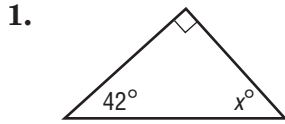


**Find the missing measure in each triangle with the given angle measures.**

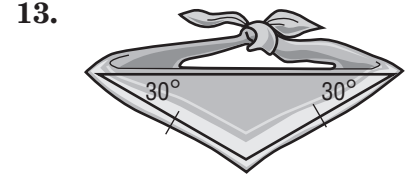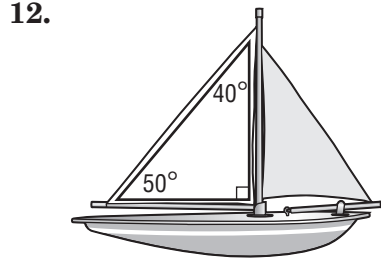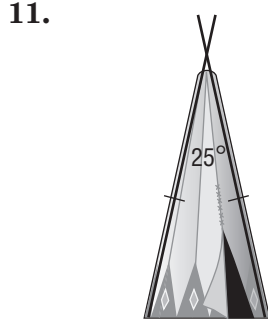**4.** 45°, 35.8°, $x°$          **5.** 100°, $x°$, 40.7°          **6.** $x°$, 90°, 16.5°

**7.** Find the third angle of a right triangle if one of the angles measures 24°.

**8.** What is the third angle of a right triangle if one of the angles measures 51.1°?

**9. ALGEBRA** Find $m\angle A$ in $\triangle ABC$ if $m\angle B = 38°$ and $m\angle C = 38°$.

**10. ALGEBRA** In $\triangle XYZ$, $m\angle Z = 113°$ and $m\angle X = 28°$. What is $m\angle Y$?

**Classify the marked triangle in each object by its angles and by its sides.**

**11.**



**12.**



**13.**



**ALGEBRA** **Find the value of $x$ in each triangle.**

**14.**



**15.**



**16.**