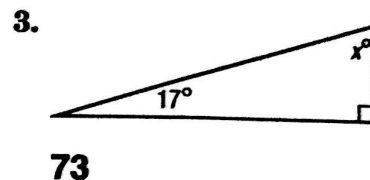
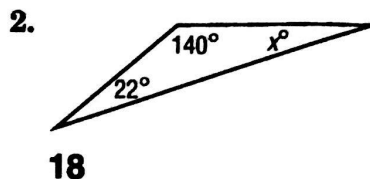
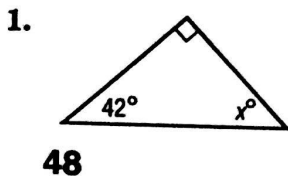


Lesson 3 Homework Practice

Triangles

Find the value of x .



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

4. $45^\circ, 35.8^\circ, x^\circ$ **99.2** 5. $100^\circ, x^\circ, 40.7^\circ$ **39.3** 6. $x^\circ, 90^\circ, 16.5^\circ$ **73.5**

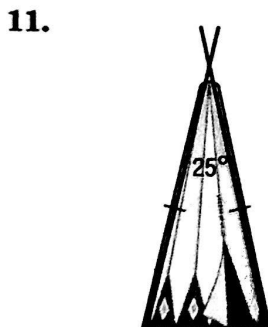
7. Find the third angle of a right triangle if one of the angles measures 24° . **66°**

8. What is the third angle of a right triangle if one of the angles measures 51.1° ? **38.9°**

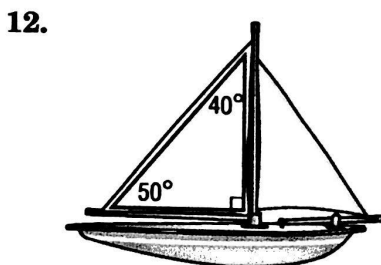
9. ALGEBRA Find $m\angle A$ in $\triangle ABC$ if $m\angle B = 38^\circ$ and $m\angle C = 38^\circ$. **104°**

10. ALGEBRA In $\triangle XYZ$, $m\angle Z = 113^\circ$ and $m\angle X = 28^\circ$. What is $m\angle Y$? **39°**

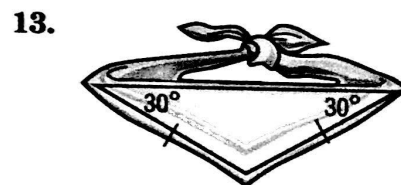
Classify the marked triangle in each object by its angles and by its sides.



acute; isosceles

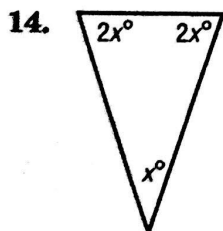


right; scalene

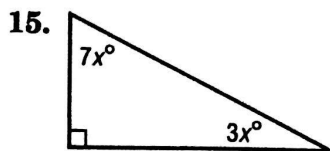


obtuse; isosceles

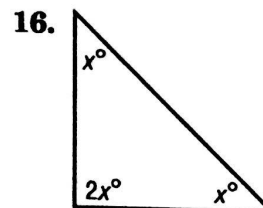
ALGEBRA Find the value of x in each triangle.



36



9



45