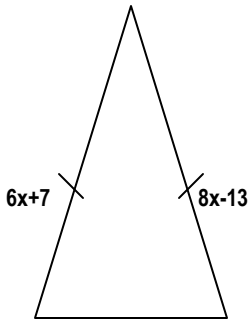


Lesson 4-6 Worksheet
Isosceles & Equilateral Triangles

Name: _____

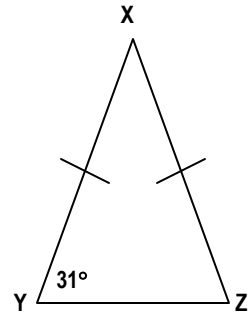
Date: _____ Class _____

1) $x =$ _____



5) $m\angle X =$ _____

$m\angle Z =$ _____

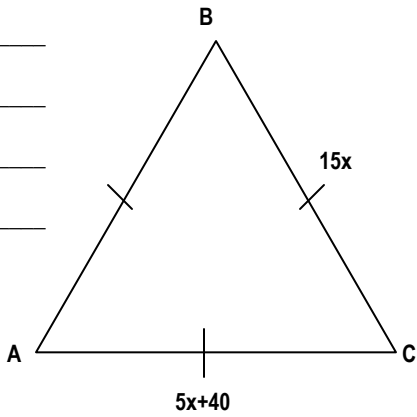


2) $x =$ _____

$AB =$ _____

$BC =$ _____

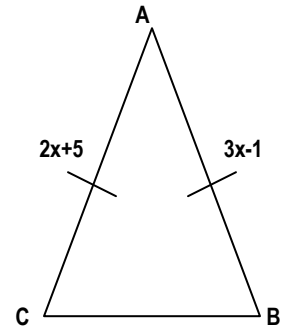
$AC =$ _____



6) $x =$ _____

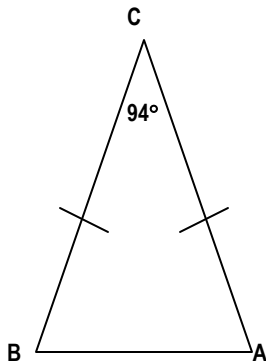
$AB =$ _____

$AC =$ _____



3) $m\angle A =$ _____

$m\angle B =$ _____

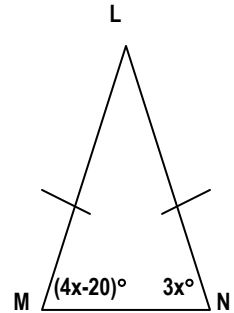


7) $x =$ _____

$m\angle L =$ _____

$m\angle M =$ _____

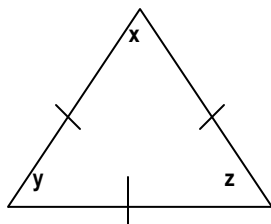
$m\angle N =$ _____



4) $x =$ _____

$y =$ _____

$z =$ _____

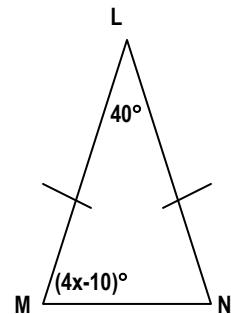


8) $x =$ _____

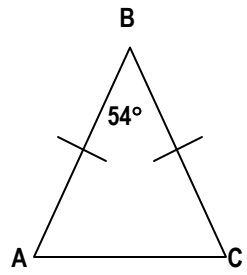
$m\angle L = 40^\circ$

$m\angle M =$ _____

$m\angle N =$ _____

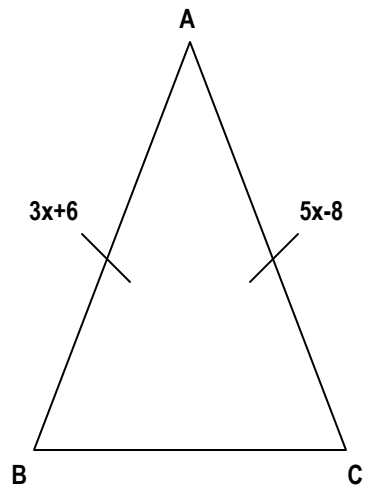


9) $m\angle A =$ _____
 $m\angle C =$ _____

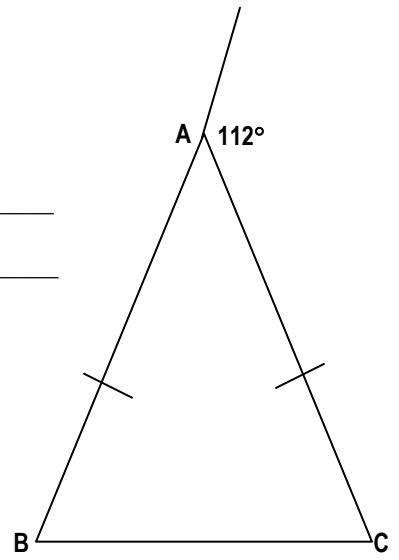


13) Suppose that triangle LMN is equilateral and $MN=13$ cm.
 Find the value of ML and LN. $ML =$ _____ $LN =$ _____
 What is the perimeter of triangle LMN? _____

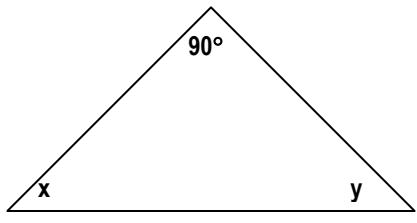
10) $x =$ _____
 $AB =$ _____
 $AC =$ _____



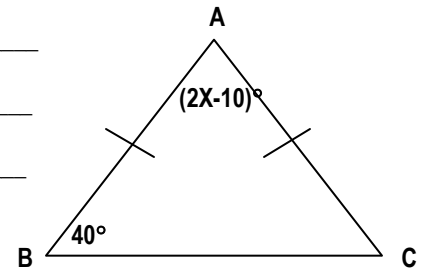
14) $m\angle B =$ _____
 $m\angle C =$ _____



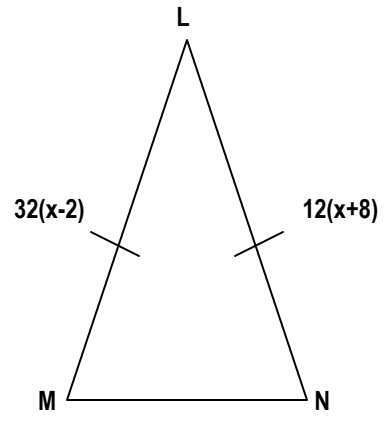
11) $x =$ _____
 $y =$ _____



15) $x =$ _____
 $m\angle A =$ _____
 $m\angle B =$ _____
 $m\angle C =$ _____



12) $x =$ _____
 $LM =$ _____
 $LN =$ _____



16) The perimeter of an equilateral triangle equals 93 cm. What is the measure of each side of the triangle? _____