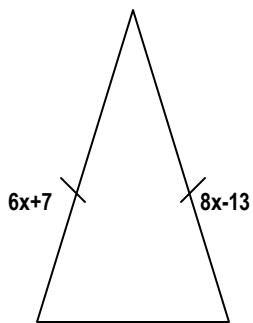


Lesson 4-6 Worksheet
Isosceles & Equilateral Triangles

Name: _____

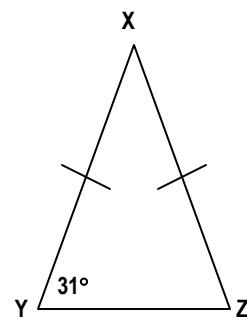
Date: _____ Class _____

1) $x = \underline{\hspace{2cm}}$



5) $m\angle X = \underline{\hspace{2cm}}$

$m\angle Z = \underline{\hspace{2cm}}$

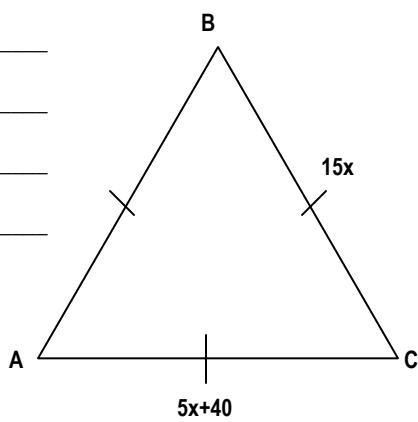


2) $x = \underline{\hspace{2cm}}$

$AB = \underline{\hspace{2cm}}$

$BC = \underline{\hspace{2cm}}$

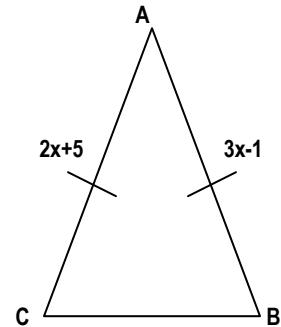
$AC = \underline{\hspace{2cm}}$



6) $x = \underline{\hspace{2cm}}$

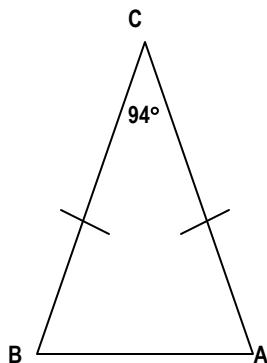
$AB = \underline{\hspace{2cm}}$

$AC = \underline{\hspace{2cm}}$



3) $m\angle A = \underline{\hspace{2cm}}$

$m\angle B = \underline{\hspace{2cm}}$

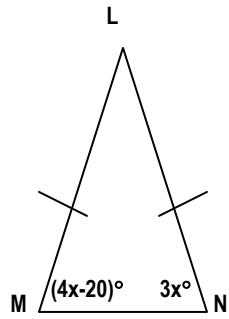


7) $x = \underline{\hspace{2cm}}$

$m\angle L = \underline{\hspace{2cm}}$

$m\angle M = \underline{\hspace{2cm}}$

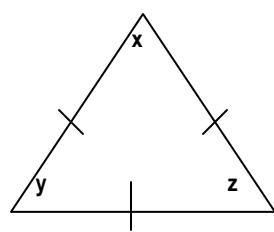
$m\angle N = \underline{\hspace{2cm}}$



4) $x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

$z = \underline{\hspace{2cm}}$

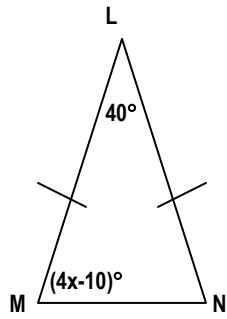


8) $x = \underline{\hspace{2cm}}$

$m\angle L = 40^\circ$

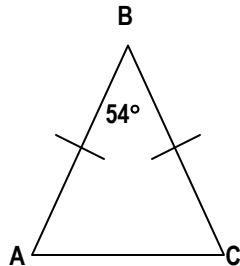
$m\angle M = \underline{\hspace{2cm}}$

$m\angle N = \underline{\hspace{2cm}}$



9) $m\angle A = \underline{\hspace{2cm}}$

$m\angle C = \underline{\hspace{2cm}}$



13) Suppose that triangle LMN is equilateral and $MN=13$ cm.

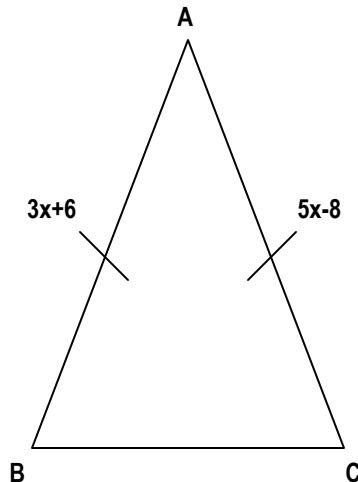
Find the value of ML and LN . $ML = \underline{\hspace{2cm}}$ $LN = \underline{\hspace{2cm}}$

What is the perimeter of triangle LMN? $\underline{\hspace{2cm}}$

10) $x = \underline{\hspace{2cm}}$

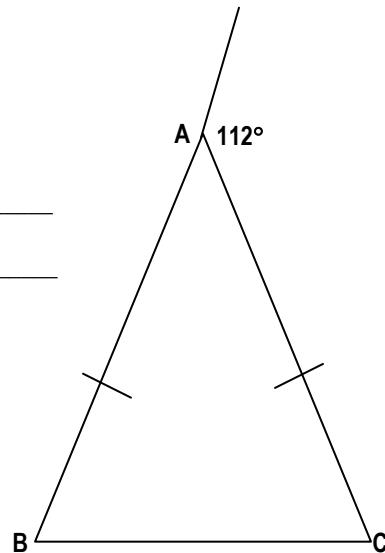
$AB = \underline{\hspace{2cm}}$

$AC = \underline{\hspace{2cm}}$



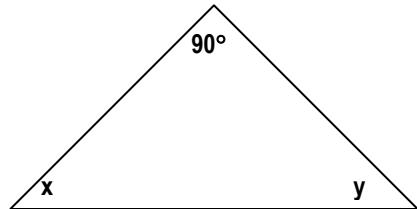
14) $m\angle B = \underline{\hspace{2cm}}$

$m\angle C = \underline{\hspace{2cm}}$



11) $x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

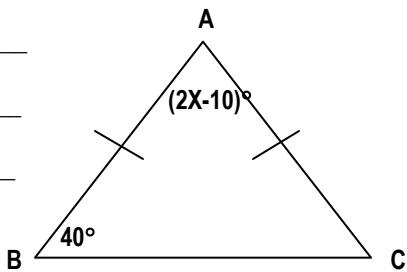


15) $x = \underline{\hspace{2cm}}$

$m\angle A = \underline{\hspace{2cm}}$

$m\angle B = \underline{\hspace{2cm}}$

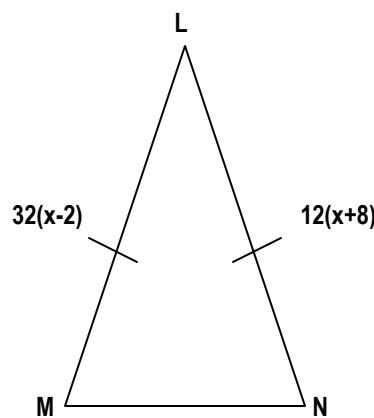
$m\angle C = \underline{\hspace{2cm}}$



12) $x = \underline{\hspace{2cm}}$

$LM = \underline{\hspace{2cm}}$

$LN = \underline{\hspace{2cm}}$



16) The perimeter of an equilateral triangle equals 93 cm. What is the measure of each side of the triangle? $\underline{\hspace{2cm}}$