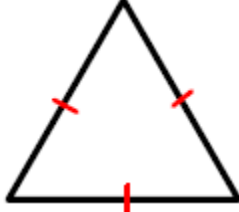

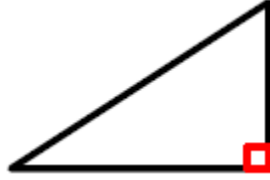


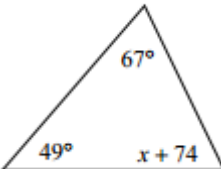
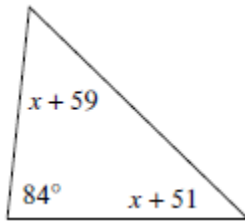
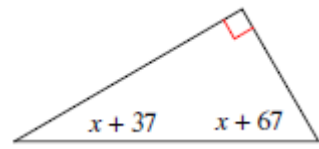
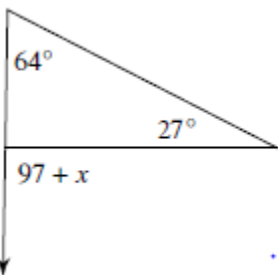
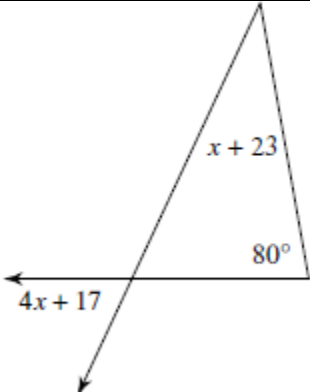
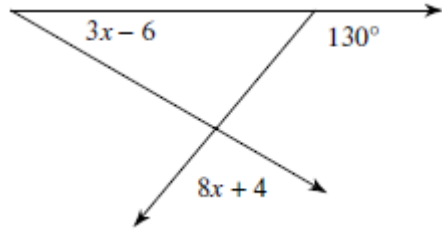
Classify the following triangles by the characteristic indicated:

<p>1)</p>  <p>By sides <u>Equilateral</u></p>	<p>2)</p>  <p>By sides <u>Scalene</u></p>	<p>3)</p>  <p>By angles <u>Right</u></p>
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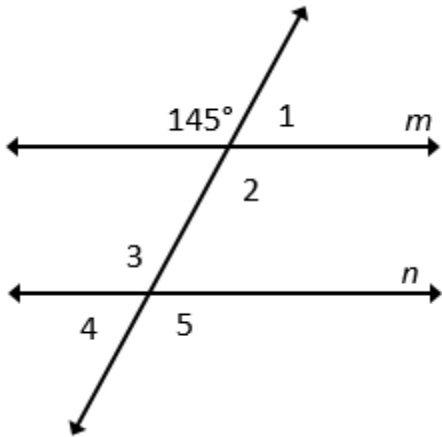
Fill in the appropriate geometric term or symbol:

	Term	Symbol
4)	Angle	$\sphericalangle$
5)	Triangle	$\triangle$
6)	Parallel	$\parallel$
7)	Perpendicular	$\perp$
8)	Line Segment	$\text{---}$
9)	Congruent	$\cong$
10)	Similar	$\sim$

Solve for X or the identified element

<p>11)</p>  <p><math>x = \underline{-10}</math></p>	<p>12)</p>  <p><math>x = \underline{-7}</math></p>	<p>13)</p>  <p><math>x = \underline{-7}</math></p>
<p>14)</p>  <p><math>x = \underline{-6}</math></p>	<p>15)</p>  <p><math>x = \underline{24}</math></p>	<p>16)</p>  <p><math>x = \underline{12}</math></p>

17) Find the measure of the missing angles, given that  $m \parallel n$



$$m\angle 1 = \underline{35^\circ}$$

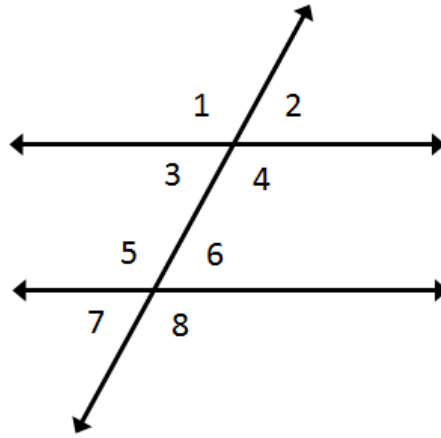
$$m\angle 2 = \underline{145^\circ}$$

$$m\angle 3 = \underline{145^\circ}$$

$$m\angle 4 = \underline{35^\circ}$$

$$m\angle 5 = \underline{145^\circ}$$

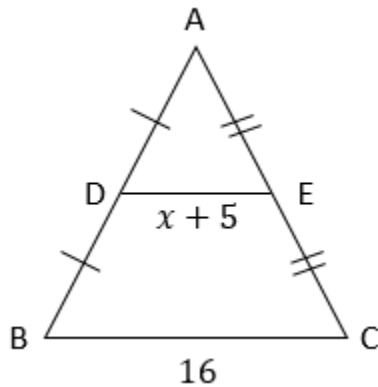
18) Identify the angle relationships.



$\angle 1$  and  $\angle 2$ : Linear Pair  
 $\angle 1$  and  $\angle 5$ : Corresponding  $\angle$ 's  
 $\angle 1$  and  $\angle 8$ : Alt. Ext.  $\angle$ 's  
 $\angle 4$  and  $\angle 5$ : Alt. Int.  $\angle$ 's  
 $\angle 2$  and  $\angle 3$ : Vertical  $\angle$ 's

Find the length of the missing side:

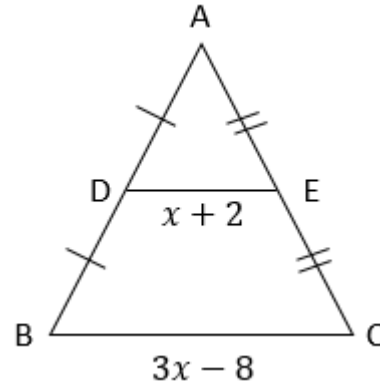
19) Find  $x$  and the length of the given side



$$x = \underline{3}$$

$$DE = \underline{8}$$

20) Find  $x$  and the length of the given side



$$x = \underline{12}$$

$$DE = \underline{14}$$

$$BC = \underline{28}$$