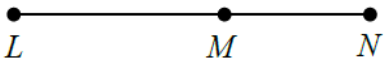
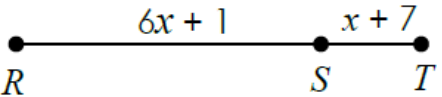
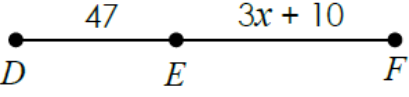
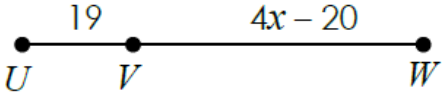
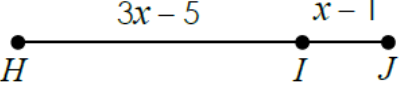
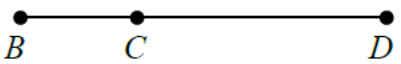
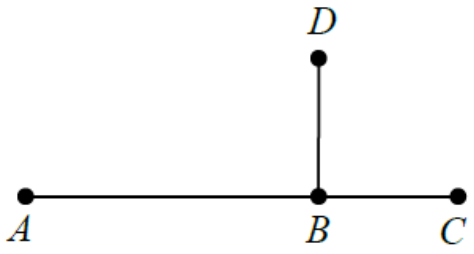


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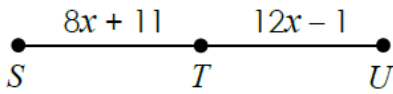
Unit 1: Geometry Basics

Date: _____ Period: _____

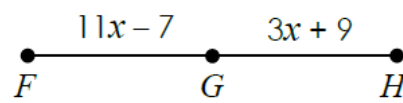
1.3 Measuring Segments

<p>Use the diagram below to answer questions 1 and 2.</p> 	<p>1. If $LM = 22$ and $MN = 15$, find LN.</p>
<p>3. If $RT = 36$, find the value of x.</p> 	<p>4. If $DF = 9x - 39$, find EF.</p> 
<p>5. If $UW = 6x - 35$, find UV.</p> 	<p>6. If $HJ = 7x - 27$, find the value of x.</p> 
<p>7. If $BD = 7x - 10$, $BC = 4x - 29$, and $CD = 5x - 9$, find each value.</p> 	
<p>8. If $\overline{BD} \cong \overline{BC}$, $BD = 5x - 26$, $BC = 2x + 1$, and $AC = 43$, find AB.</p> 	

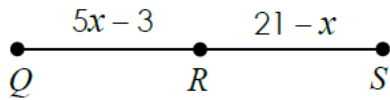
9. If T is the midpoint of \overline{SU} , find x .



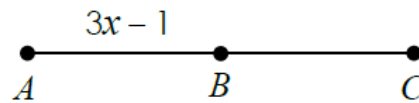
10. If G is the midpoint of \overline{FH} , find FG .



11. If R is the midpoint of \overline{QS} , find QS .



12. If B is the midpoint of \overline{AC} , and $AC = 8x - 20$, find BC .



13. If \overline{EF} bisects \overline{CD} , $CG = 5x - 1$, $GD = 7x - 13$, $EF = 6x - 4$, and $GF = 13$, find EG .

