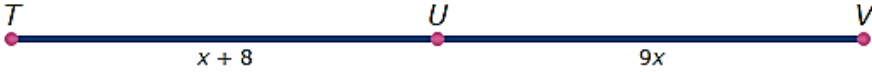

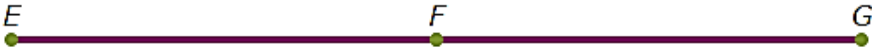
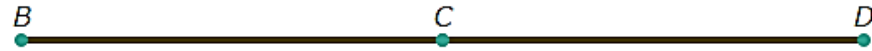
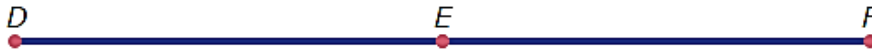
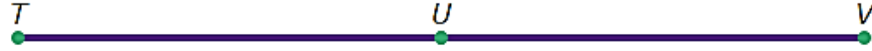
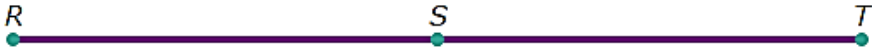
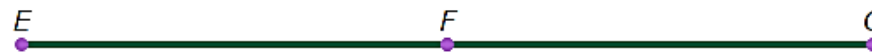
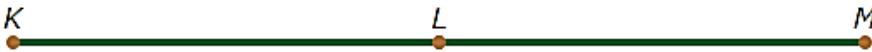


Midpoints

G.CO.A.1, G.GPE.B.4, G.GPE.B.6

What are the coordinates of the midpoints of...		
1)	<p style="text-align: right;"><math>\overline{FG}</math> ?</p>	
2)	<p style="text-align: right;"><math>\overline{DE}</math> ?</p>	
3)	<p style="text-align: right;"><math>\overline{JK}</math> ?</p>	
4)	<p style="text-align: right;"><math>\overline{GH}</math> ?</p>	
5)	<p style="text-align: right;"><math>\overline{GH}</math> ?</p>	
6)	<p style="text-align: right;"><math>\overline{PQ}</math> ?</p>	
Find the missing measure...		
7)	<p>S is the midpoint of <math>\overline{RT}</math>.</p> <p>If <math>ST = x + 5</math> and <math>RT = 7x + 5</math>, what is <math>ST</math> ?</p>	
8)	<p>T is the midpoint of <math>\overline{SU}</math>.</p> <p>If <math>ST = 2x</math> and <math>SU = 5x - 15</math>, what is <math>ST</math> ?</p>	
9)	<p>Q is the midpoint of <math>\overline{PR}</math>.</p> <p>If <math>QR = x + 7</math> and <math>PR = 9x + 7</math>, what is <math>PR</math> ?</p>	



10)	<p><math>U</math> is the midpoint of <math>\overline{TV}</math>.</p>  <p>If <math>TU = x + 8</math> and <math>UV = 9x</math>, what is <math>UV</math>?</p>	
11)	<p><math>G</math> is the midpoint of <math>\overline{FH}</math>.</p>  <p>If <math>FG = x + 5</math> and <math>FH = 5x + 6</math>, what is <math>FG</math>?</p>	
12)	<p><math>F</math> is the midpoint of <math>\overline{EG}</math>.</p>  <p>If <math>FG = 5x - 1</math> and <math>EG = 6x + 3</math>, what is <math>EG</math>?</p>	
13)	<p><math>C</math> is the midpoint of <math>\overline{BD}</math>.</p>  <p>If <math>BC = x - 1</math> and <math>CD = 3x - 4</math>, what is <math>CD</math>?</p>	
14)	<p><math>E</math> is the midpoint of <math>\overline{DF}</math>.</p>  <p>If <math>DE = 5x + 8</math> and <math>EF = 8x - 10</math>, what is <math>EF</math>?</p>	
15)	<p><math>U</math> is the midpoint of <math>\overline{TV}</math>.</p>  <p>If <math>TU = 4x</math> and <math>TV = 9x - 2</math>, what is <math>TV</math>?</p>	
16)	<p><math>E</math> is the midpoint of <math>\overline{DF}</math>.</p> <p>If <math>DE = x + 8</math> and <math>EF = 4x - 8</math>, what is <math>EF</math>?</p>	
17)	<p><math>S</math> is the midpoint of <math>\overline{RT}</math>.</p>  <p>If <math>RS = 9x + 10</math> and <math>ST = 10x + 5</math>, what is <math>RS</math>?</p>	
18)	<p><math>F</math> is the midpoint of <math>\overline{EG}</math>.</p>  <p>If <math>EF = x + 10</math> and <math>FG = 5x - 5</math>, what is <math>FG</math>?</p>	
19)	<p><math>L</math> is the midpoint of <math>\overline{KM}</math>.</p>  <p>If <math>LM = 8x - 1</math> and <math>KM = 15x + 4</math>, what is <math>KM</math>?</p>	
20)	<p><math>F</math> is the midpoint of <math>\overline{EG}</math>.</p> <p>If <math>FG = 12x + 13</math> and <math>EG = 29x + 13</math>, what is <math>EG</math>?</p>	