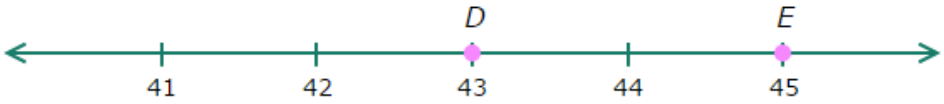
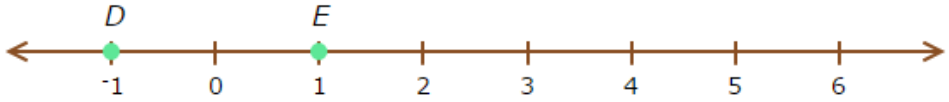
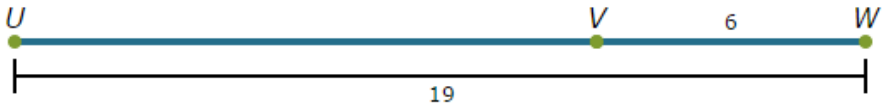
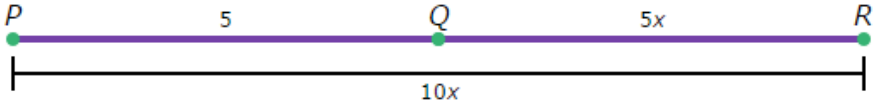
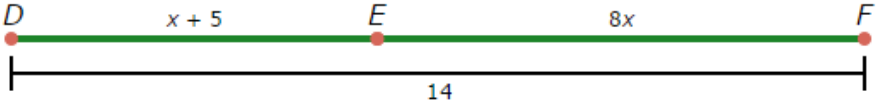
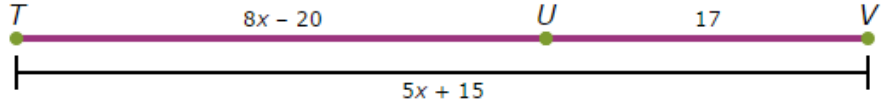
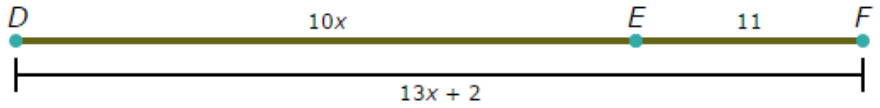
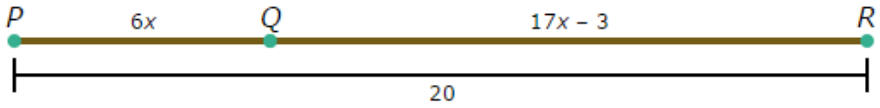
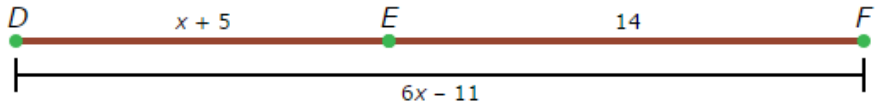
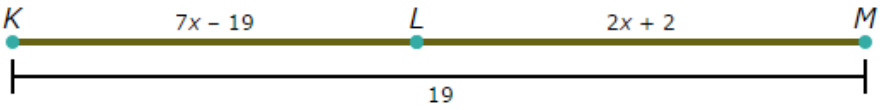
Geometry – Unit 3 Review **Name: _____!**

Finding Lengths On Line Segments

Review **Date: _____ Pd: ____**

1)	 What is the length of $\overline{DE}$?
2)	 What is the length of $\overline{DE}$?
3)	 What is the length of $\overline{FG}$?
4)	 What is the length of $\overline{DE}$?
5)	 If $EF = 17$ and $FG = 13$, what is EG ?
6)	 If $VW = 6$ and $UW = 19$, what is UV ?
7)	 If $FG = 6.5$ and $GH = 8.7$, what is FH ?
8)	On a line segment, *T* is between *S* and *U*. If $ST = 6$ and $SU = 15$, what is TU ?
9)	L is a point on $\overline{KM}$. If $LM = 9$ and $KM = 14.8$, what is KL ?
10)	 If $PQ = 5$, $QR = 5x$, and $PR = 10x$, what is PR ?
11)	 If $DE = x + 5$, $EF = 8x$, and $DF = 14$, what is DE ?
12)	 If $TU = 8x - 20$, $UV = 17$, and $TV = 5x + 15$, what is TV ?

13)	 If $DE = 10x$, $EF = 11$, and $DF = 13x + 2$, what is DE ?	
14)	 If $PQ = 6x$, $QR = 17x - 3$, and $PR = 20$, what is PQ ?	
15)	 If $DE = x + 5$, $EF = 14$, and $DF = 6x - 11$, what is DE ?	
16)	 If $KL = 7x - 19$, $LM = 2x + 2$, and $KM = 19$, what is KL ?	
17)	 If $DE = 4x$, $EF = 4$, and $DF = 5x + 2$, what is DF ?	
18)	 If $DE = 2x - 3$, $EF = 3x - 4$, and $DF = x + 3$, what is DF ?	
19)	On a line segment, *T* is between *S* and *U*. If $ST = 12$, $TU = 5x$, and $SU = 10x - 2$, what is SU ?	
20)	*L* is a point on $\overline{KM}$. If $KL = 11x$, $LM = 10x - 8$, and $KM = 16x + 13$, what is KM ?	