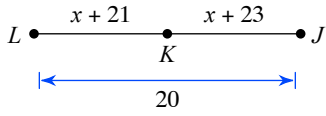


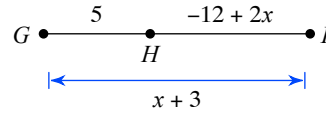
# WS 1.2 Segment Addition Postulate

**Find the length indicated.**

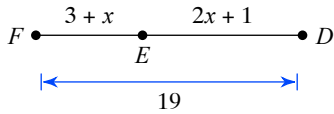
1) Find  $LK$



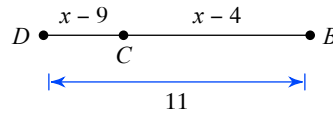
2) Find  $HI$



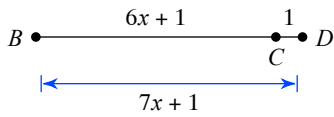
3) Find  $FE$



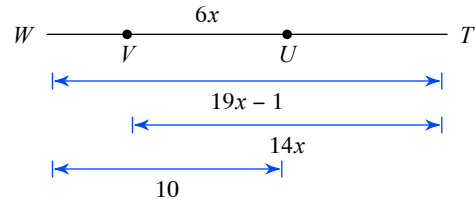
4) Find  $DC$



5) Find  $BC$



6) Find  $VU$



**Points A, B, and C are collinear. Point B is between A and C. Find the length indicated.**

7) Find  $AC$  if  $AC = x + 31$ ,  $AB = 11$ ,  
and  $BC = 2x + 32$ .

8) Find  $AC$  if  $AB = 2x - 1$ ,  $BC = 9$ ,  
and  $AC = 4x$ .

9) Find  $AB$  if  $AC = x - 2$ ,  $BC = 3$ ,  
and  $AB = 2x - 16$ .

10) Find  $AB$  if  $AB = 2x + 29$ ,  $AC = x + 25$ ,  
and  $BC = 8$ .