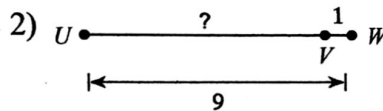
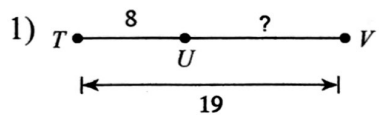
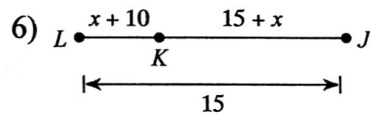
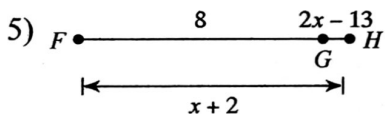
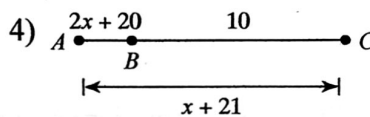
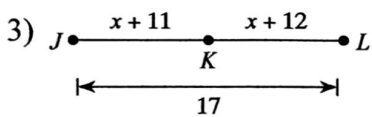


LINE SEGMENT: ADDITION

Find the length indicated.

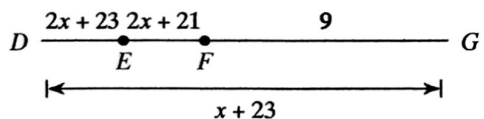


Solve for x.

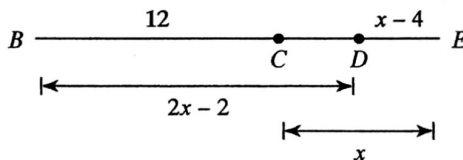


Find the length indicated.

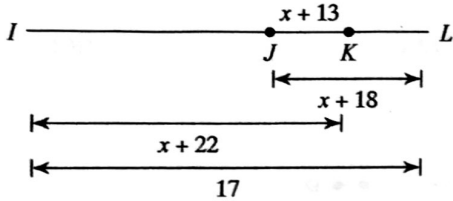
7) Find EF



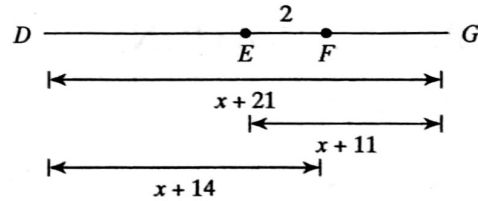
8) Find CE



9) Find JK



10) Find DF



Points A, B, C, and D are collinear and positioned in that order. Find the length indicated.

11) $BD = 9$, $AC = 16$, and $AD = 21$. Find BC .

12) Find AC if $BC = 3$, $AD = 21$, and $BD = 10$.

Points A, B, C, and D are collinear and positioned in that order. Solve for x .

13) Find x if $BC = 11$, $AD = -1 + 12x$,
 $BD = 23$, and $AC = 7x + 2$.

14) $AD = 23$, $BC = 1$, $AB = 2x + 10$,
and $CD = 2x + 12$. Find x .

15) $AD = 21$, $CD = 2x - 2$, $BC = 10$,
and $AB = x - 5$. Find x .

16) $BC = 12 + x$, $BD = 16$, $AC = 20$,
and $AD = x + 32$. Find x .

Points A, B, C, and D are collinear and positioned in that order. Find the length indicated.

17) $BC = 2x - 5$, $AB = 4x - 2$, $AD = 4x + 1$,
and $CD = 2$. Find AB .

18) Find AD if $BD = 16$, $BC = 10x$,
 $AC = 12x + 1$, and $AD = 18x + 1$.

19) $AC = x + 27$, $BC = 17 + x$, $AD = 26$,
and $BD = x + 25$. Find AC .

20) $BD = x + 29$, $AB = x + 8$, $AC = x + 20$,
and $CD = 10$. Find BD .