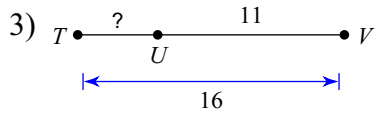
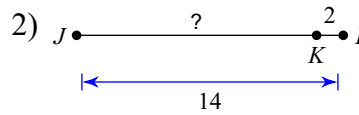
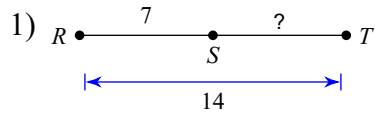
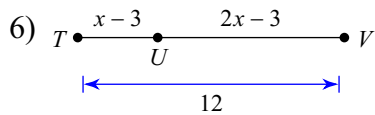
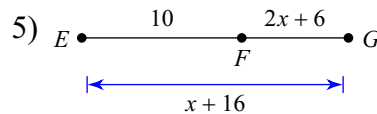
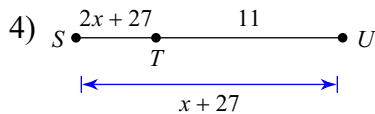


Assignment

Find the length indicated.



Solve for x.



Find the distance between each pair of points.

7)  $(-4, 7), (7, 7)$

8)  $(-4, 4), (5, -6)$

9)  $(-3, 3), (-8, -6)$

Find the midpoint of the line segment with the given endpoints.

10)  $(3, -2), (-2, -3)$

11)  $(-7, 4), (2, -9)$

12)  $(-3, -3), (9, 2)$

13)  $(-2, 0), (-3, 4)$

14)  $(8, -7), (2, -10)$

15)  $(-3, -2), (-1, 10)$

16)  $(5, -2), (-4, -2)$

**Find the other endpoint of the line segment with the given endpoint and midpoint.**

17) Endpoint:  $(2, 7)$ , midpoint:  $(-7, 5)$

18) Endpoint:  $(-7, -4)$ , midpoint:  $(2, -1)$

19) Endpoint:  $(-2, -2)$ , midpoint:  $(2, -5)$

20) Endpoint:  $(9, 6)$ , midpoint:  $(-7, 3)$