11. Using an interval or intervals, describe all the x-values within or including a distance of the given values.

No more than 9 units from the number 2.

A. $(-7, 11)$

B. $[-7, 11]$

C. $(7, 11)$

D. $[7, 11]$

---

12. Solve the linear inequality below. Then, choose the constant and interval combination that describes the solution set.

$$-8x - 6 \leq 5x + 5$$

$a = \boxed{}$

A. $(-\infty, a]$, where $a \in [-1.59, -0.03]$

B. $[a, \infty)$, where $a \in [-3, 0.4]$

C. $(-\infty, a]$, where $a \in [0.6, 1.1]$

D. $[a, \infty)$, where $a \in [-0.04, 0.99]$

E. $(-\infty, \infty)$

---

13. Solve the linear inequality below. Then, choose the constant and interval combination that describes the solution set.

$$-\frac{3x}{2} - \frac{8}{3} > -\frac{4x}{7} - \frac{7}{6}$$

$a = \boxed{}$

A. (a, ∞), where $a \in [-1, 6]$

B. (a, ∞), where $a \in [-5, 1]$

C. $(-\infty, a)$, where $a \in [-5, 0]$

D. $(-\infty, a)$, where $a \in [0, 3]$

E. There is no solution to the inequality.

---

14. Solve the linear inequality below. Then, choose the constant and interval combination that describes the solution set.

$$-4 + 3x > 5x \quad \text{or} \quad 6 + 3x < 5x$$

$a = \boxed{}$ $b = \boxed{}$

A. $(-\infty, a] \cup [b, \infty)$, where $a \in [-5.9, -2.2]$ and $b \in [1.2, 2.3]$

B. $(-\infty, a) \cup (b, \infty)$, where $a \in [-2.6, -0.3]$ and $b \in [2.36, 3.45]$

C. $(-\infty, a) \cup (b, \infty)$, where $a \in [-3.9, -2.4]$ and $b \in [1.66, 2.21]$

D. $(-\infty, a] \cup [b, \infty)$, where $a \in [-2.5, -0.2]$ and $b \in [2.9, 3.4]$

E. $(-\infty, \infty)$

---

15. Solve the linear inequality below. Then, choose the constant and interval combination that describes the solution set.

$$-4 + 4x < \frac{31x - 9}{7} \leq 4 + 4x$$

$a = \boxed{}$ $b = \boxed{}$

A. $[a, b)$, where $a \in [-7, -4]$ and $b \in [7, 14]$

B. $(a, b]$, where $a \in [-17, -11]$ and $b \in [4, 8]$

C. $[a, b)$, where $a \in [-14, -12]$ and $b \in [5, 8]$

D. $(a, b]$, where $a \in [-12, -6]$ and $b \in [9, 17]$

E. There is no solution to the inequality.
