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

No more than 3 units from the number 1.

A. $[2, 4]$

B. $[-2, 4]$

C. $(-2, 4)$

D. $(2, 4)$

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

$$-8x + 6 \leq -6x + 3$$

$$a = \boxed{}$$

A. $[a, \infty)$, where $a \in [-1, 8]$

B. $(-\infty, a]$, where $a \in [-1.4, 2.3]$

C. $(-\infty, a]$, where $a \in [-4, 1]$

D. $[a, \infty)$, where $a \in [-4.7, -0.2]$

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

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

$$\frac{6x}{5} + \frac{3}{8} > \frac{5x}{3} - \frac{10}{7}$$

$$a = \boxed{}$$

A. $(-\infty, a)$, where $a \in [3, 5]$

B. (a, ∞), where $a \in [-5, -2]$

C. $(-\infty, a)$, where $a \in [-4, -1]$

D. (a, ∞), where $a \in [1, 6]$

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.

$$-4 + 6x > 8x \quad \text{or} \quad 7 + 9x < 10x$$

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

A. $(-\infty, a) \cup (b, \infty)$, where $a \in [-9, -5]$ and $b \in [-4, 5]$

B. $(-\infty, a] \cup [b, \infty)$, where $a \in [-6, 0]$ and $b \in [4, 9]$

C. $(-\infty, a) \cup (b, \infty)$, where $a \in [-5, 4]$ and $b \in [5, 9]$

D. $(-\infty, a] \cup [b, \infty)$, where $a \in [-11, -5]$ and $b \in [1, 6]$

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

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

$$-6 - 5x < \frac{-18x + 7}{4} \leq -5 - 6x$$

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

A. $[a, b)$, where $a \in [-16, -15]$ and $b \in [-8, -4]$

B. $(a, b]$, where $a \in [2, 8]$ and $b \in [8, 19]$

C. $(a, b]$, where $a \in [-17, -13]$ and $b \in [-7, -3]$

D. $[a, b)$, where $a \in [2, 5]$ and $b \in [15, 18]$

E. There is no solution to the inequality.