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

   More than 7 units from the number 8.

2. Solve the linear inequality below.

$$-3 - 8x < \frac{-70x + 4}{9} \leq -4 - 9x$$

3. Solve the linear inequality below.

$$-9x + 5 > 6x - 8$$

4. Solve the linear inequality below.

$$-9 + 7x > 8x \text{ or } -6 + 3x < 6x$$

5. Solve the linear inequality below.

$$-10x + 7 > 10x - 5$$

6. Solve the linear inequality below.

$$\frac{3}{4} - \frac{10}{5}x \geq \frac{-8}{3}x - \frac{3}{8}$$

7. Solve the linear inequality below.

$$4 + 9x > 12x \text{ or } 6 + 3x < 5x$$

8. Solve the linear inequality below.

$$-4 + 6x < \frac{29x - 9}{4} \leq 4 + 5x$$

9. Solve the linear inequality below.

$$\frac{9}{5} + \frac{3}{6}x \geq \frac{9}{8}x + \frac{3}{7}$$

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

No more than 4 units from the number 2.

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

More than 9 units from the number -5.

12. Solve the linear inequality below.

$$-9 - 7x \leq \frac{-20x + 4}{8} < 9 - 3x$$

13. Solve the linear inequality below.

$$-9x + 8 \geq -6x - 4$$

14. Solve the linear inequality below.

$$-8 + 3x > 5x \text{ or } -3 + 6x < 9x$$

15. Solve the linear inequality below.

$$-9x + 8 \geq 5x - 4$$

16. Solve the linear inequality below.

$$\frac{8}{6} + \frac{7}{4}x < \frac{8}{7}x - \frac{8}{5}$$

17. Solve the linear inequality below.

$$-4 + 3x > 4x \text{ or } -3 + 6x < 8x$$

18. Solve the linear inequality below.

$$-9 - 9x \leq \frac{-50x + 5}{9} < 6 - 6x$$

19. Solve the linear inequality below.

$$\frac{-4}{2} - \frac{3}{9}x < \frac{3}{3}x + \frac{10}{8}$$

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

Less than 4 units from the number -3.

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

No less than 8 units from the number 4.

22. Solve the linear inequality below.

$$-8 + 6x \leq \frac{59x - 9}{9} < 8 + 3x$$

23. Solve the linear inequality below.

$$-5x + 7 \geq 3x - 4$$

24. Solve the linear inequality below.

$$9 - 4x > 5x \text{ or } 3 + 4x < 5x$$

25. Solve the linear inequality below.

$$-7x - 7 \leq 10x + 10$$

26. Solve the linear inequality below.

$$\frac{-3}{6} + \frac{5}{4}x \geq \frac{10}{9}x - \frac{6}{8}$$

27. Solve the linear inequality below.

$$-8 + 8x > 9x \text{ or } -7 + 8x < 11x$$

28. Solve the linear inequality below.

$$4 - 4x < \frac{-8x + 3}{3} \leq 6 - 4x$$

29. Solve the linear inequality below.

$$\frac{-5}{4} - \frac{8}{7}x \geq \frac{4}{9}x + \frac{9}{5}$$

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

No less than 2 units from the number 7.