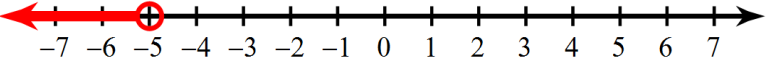
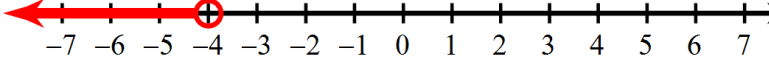
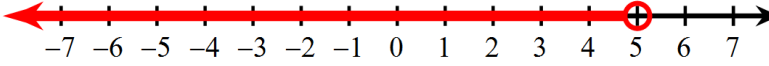
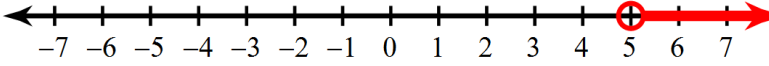
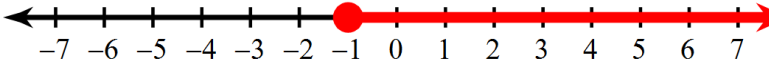
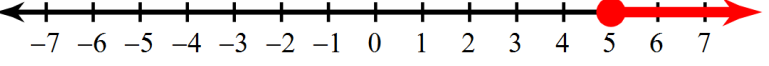
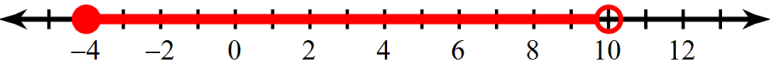
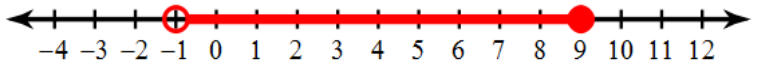
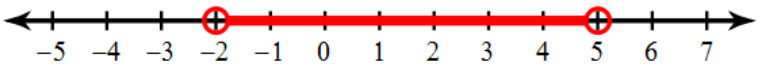
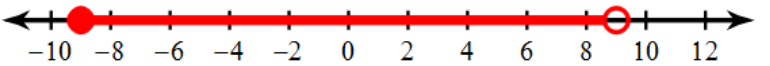
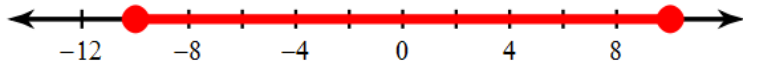
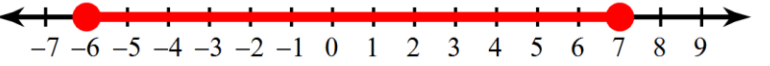
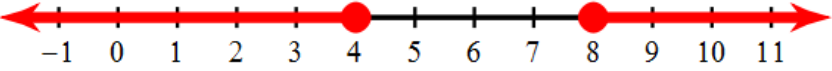
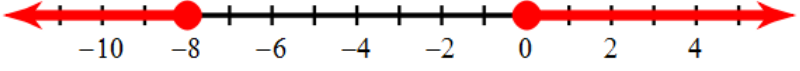
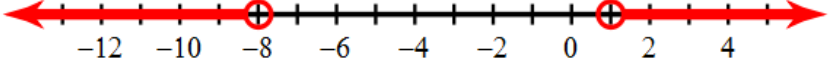

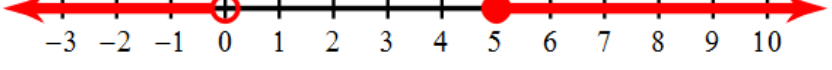
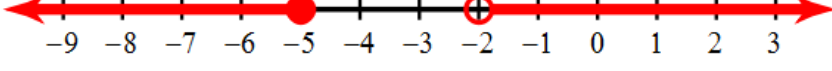
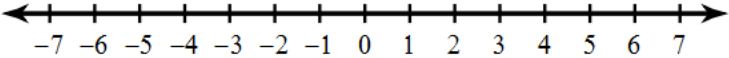
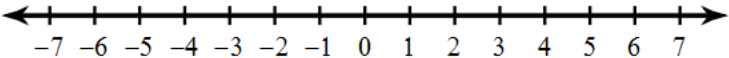
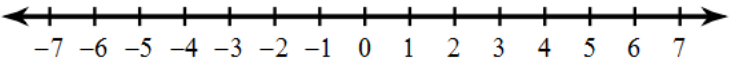
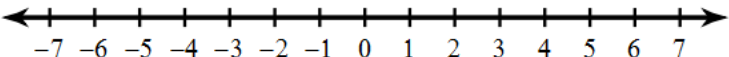
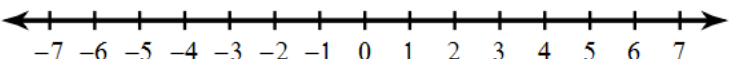
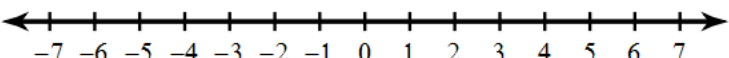
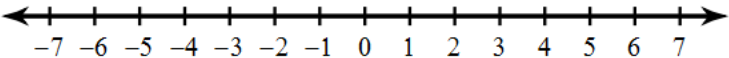
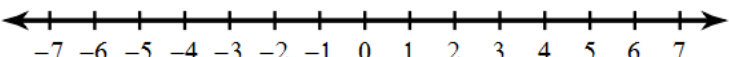


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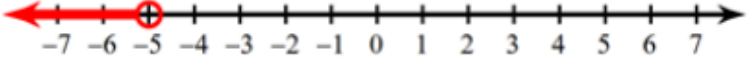
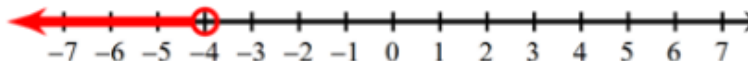
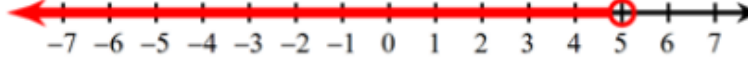
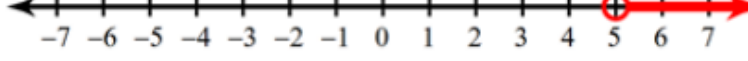

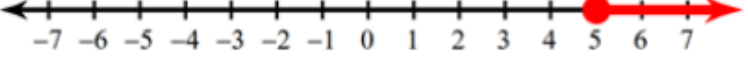
| | | |
|--|------------------------------|---------------------------------|
| <p>Graph</p>  | <p>1. Interval Notation</p> | <p>2. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>3. Interval Notation</p> | <p>4. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>5. Interval Notation</p> | <p>6. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>7. Interval Notation</p> | <p>8. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>9. Interval Notation</p> | <p>10. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>11. Interval Notation</p> | <p>12. Set-Builder Notation</p> |

| | | |
|--|------------------------------|---------------------------------|
| <p>Graph</p>  | <p>13. Interval Notation</p> | <p>14. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>15. Interval Notation</p> | <p>16. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>17. Interval Notation</p> | <p>18. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>19. Interval Notation</p> | <p>20. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>21. Interval Notation</p> | <p>22. Set-Builder Notation</p> |
| <p>Graph</p>  | <p>23. Interval Notation</p> | <p>24. Set-Builder Notation</p> |

| | | |
|--|-----------------------|--------------------------|
| <p>Graph</p>  | 25. Interval Notation | 26. Set-Builder Notation |
| <p>Graph</p>  | 27. Interval Notation | 28. Set-Builder Notation |
| <p>Graph</p>  | 29. Interval Notation | 30. Set-Builder Notation |
| <p>Graph</p>  | 31. Interval Notation | 32. Set-Builder Notation |
| <p>Graph</p>  | 33. Interval Notation | 34. Set-Builder Notation |
| <p>Graph</p>  | 35. Interval Notation | 36. Set-Builder Notation |


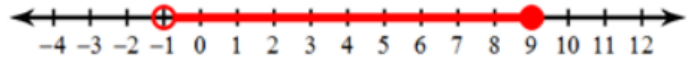
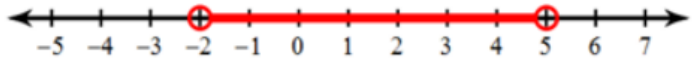
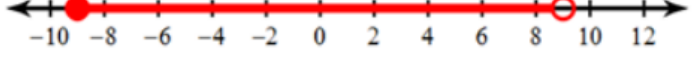
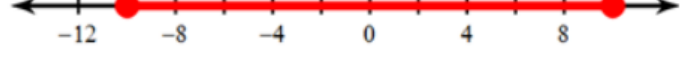
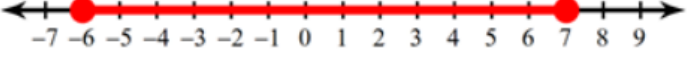
| | | |
|--|--|---|
| <p>37. Graph</p>  | <p>Interval Notation</p> <p>$(-3, 4]$</p> | <p>38. Set-Builder Notation</p> |
| <p>39. Graph</p>  | <p>Interval Notation</p> <p>$[-3, 4)$</p> | <p>40. Set-Builder Notation</p> |
| <p>41. Graph</p>  | <p>Interval Notation</p> <p>$(-3, 4)$</p> | <p>42. Set-Builder Notation</p> |
| <p>43. Graph</p>  | <p>Interval Notation</p> <p>$[-3, 4]$</p> | <p>44. Set-Builder Notation</p> |
| <p>45. Graph</p>  | <p>46. Interval Notation</p> | <p>Set-Builder Notation</p> <p>$\{x \mid x > -1\}$</p> |
| <p>47. Graph</p>  | <p>48. Interval Notation</p> | <p>Set-Builder Notation</p> <p>$\{x \mid x < -1\}$</p> |
| <p>49. Graph</p>  | <p>50. Interval Notation</p> | <p>Set-Builder Notation</p> <p>$\{x \mid -4 \leq x < 2\}$</p> |
| <p>51. Graph</p>  | <p>52. Interval Notation</p> | <p>Set-Builder Notation</p> <p>$\{x \mid x < -2 \text{ or } x \geq 3\}$</p> |

Fill in the table below with the appropriate missing information.

| | | |
|--|---|--|
| <p>Graph</p> <p style="text-align: center;">$x < -5$</p>  | <p>1. Interval Notation</p> <p>$(-\infty, -5)$</p> | <p>2. Set-Builder Notation</p> <p>$\{x \mid x < -5\}$</p> |
| <p>Graph</p>  | <p>3. Interval Notation</p> <p>$(-\infty, -4)$</p> | <p>4. Set-Builder Notation</p> <p>$\{x \mid x < -4\}$</p> |
| <p>Graph</p>  | <p>5. Interval Notation</p> <p>$(-\infty, 5)$</p> | <p>6. Set-Builder Notation</p> <p>$\{x \mid x < 5\}$</p> |
| <p>Graph</p>  | <p>7. Interval Notation</p> <p>$(5, \infty)$</p> | <p>8. Set-Builder Notation</p> <p>$\{x \mid x > 5\}$</p> |
| <p>Graph</p>  | <p>9. Interval Notation</p> <p>$[-1, \infty)$</p> | <p>10. Set-Builder Notation</p> <p>$\{x \mid x \geq -1\}$</p> |
| <p>Graph</p>  | <p>11. Interval Notation</p> <p>$[5, \infty)$</p> | <p>12. Set-Builder Notation</p> <p>$\{x \mid x \geq 5\}$</p> |

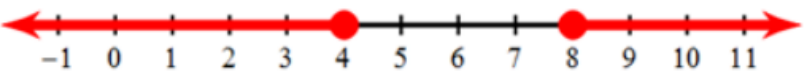
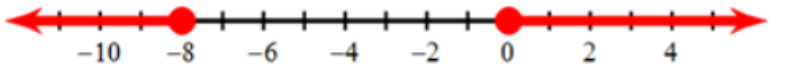
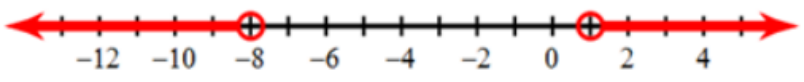
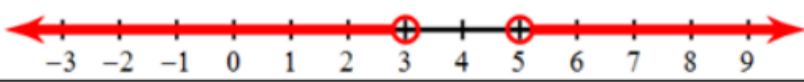
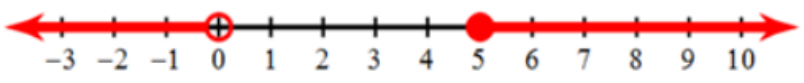
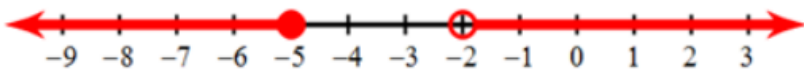
AND PROBLEMS


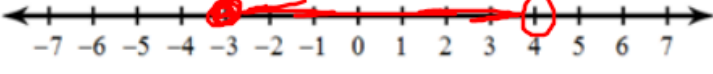


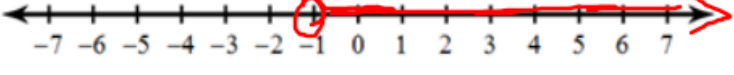
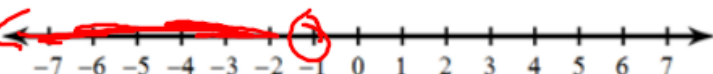
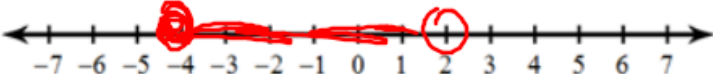
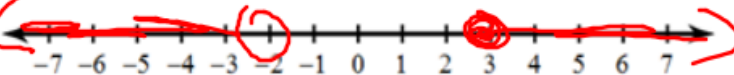
$$\{x \mid x \geq -4 \text{ AND } x < 10\}$$

| | | |
|--|--|---|
| <p>Graph</p>  | <p>13. Interval Notation</p> $[-4, 10)$ | <p>14. Set-Builder Notation</p> $\{x \mid -4 \leq x < 10\}$ |
| <p>Graph</p>  | <p>15. Interval Notation</p> $(-1, 9]$ | <p>16. Set-Builder Notation</p> $\{x \mid -1 < x \leq 9\}$ |
| <p>Graph</p>  | <p>17. Interval Notation</p> $(-2, 5)$ | <p>18. Set-Builder Notation</p> $\{x \mid -2 < x < 5\}$ |
| <p>Graph</p>  | <p>19. Interval Notation</p> $[-9, 9)$ | <p>20. Set-Builder Notation</p> $\{x \mid -9 \leq x < 9\}$ |
| <p>Graph</p>  | <p>21. Interval Notation</p> $[-10, 10]$ | <p>22. Set-Builder Notation</p> $\{x \mid -10 \leq x \leq 10\}$ |
| <p>Graph</p>  | <p>23. Interval Notation</p> $[-6, 7]$ | <p>24. Set-Builder Notation</p> $\{x \mid -6 \leq x \leq 7\}$ |

"OR" PROBLEMS

$\{x | \underline{\hspace{1cm}} \text{ or } \underline{\hspace{1cm}}\}$

| | | |
|--|--|---|
| <p>Graph</p>  | <p>25. Interval Notation</p> <p>$(-\infty, 4] \cup [8, \infty)$</p> | <p>26. Set-Builder Notation</p> <p>$\{x x \leq 4 \text{ or } x \geq 8\}$</p> |
| <p>Graph</p>  | <p>27. Interval Notation</p> <p>$(-\infty, -8] \cup [0, \infty)$</p> | <p>28. Set-Builder Notation</p> <p>$\{x x \leq -8 \text{ or } x \geq 0\}$</p> |
| <p>Graph</p>  | <p>29. Interval Notation</p> <p>$(-\infty, -8) \cup (1, \infty)$</p> | <p>30. Set-Builder Notation</p> <p>$\{x x < -8 \text{ or } x > 1\}$</p> |
| <p>Graph</p>  | <p>31. Interval Notation</p> <p>$(-\infty, 3) \cup (5, \infty)$</p> | <p>32. Set-Builder Notation</p> <p>$\{x x < 3 \text{ or } x > 5\}$</p> |
| <p>Graph</p>  | <p>33. Interval Notation</p> <p>$(-\infty, 0) \cup [5, \infty)$</p> | <p>34. Set-Builder Notation</p> <p>$\{x x < 0 \text{ or } x \geq 5\}$</p> |
| <p>Graph</p>  | <p>35. Interval Notation</p> <p>$(-\infty, -5] \cup (-2, \infty)$</p> | <p>36. Set-Builder Notation</p> <p>$\{x x \leq -5 \text{ or } x > -2\}$</p> |

| | | |
|--|---|---|
| <p>37. Graph</p>  | <p>Interval Notation</p> <p>$(-3, 4]$</p> | <p>38. Set-Builder Notation</p> <p>$\{x \mid -3 < x \leq 4\}$</p> |
| <p>39. Graph</p>  | <p>Interval Notation</p> <p>$[-3, 4)$</p> | <p>40. Set-Builder Notation</p> <p>$\{x \mid -3 \leq x < 4\}$</p> |
| <p>41. Graph</p>  | <p>Interval Notation</p> <p>$(-3, 4)$</p> | <p>42. Set-Builder Notation</p> <p>$\{x \mid -3 < x < 4\}$</p> |
| <p>43. Graph</p>  | <p>Interval Notation</p> <p>$[-3, 4]$</p> | <p>44. Set-Builder Notation</p> <p>$\{x \mid -3 \leq x \leq 4\}$</p> |
| <p>45. Graph</p>  | <p>46. Interval Notation</p> <p>$(-1, \infty)$</p> | <p>Set-Builder Notation</p> <p>$\{x \mid x > -1\}$</p> |
| <p>47. Graph</p>  | <p>48. Interval Notation</p> <p>$(-\infty, -1)$</p> | <p>Set-Builder Notation</p> <p>$\{x \mid x < -1\}$</p> |
| <p>49. Graph</p>  | <p>50. Interval Notation</p> <p>$[-4, 2)$</p> | <p>Set-Builder Notation</p> <p>$\{x \mid -4 \leq x < 2\}$</p> |
| <p>51. Graph</p>  | <p>52. Interval Notation</p> <p>$(-\infty, -2) \cup [3, \infty)$</p> | <p>Set-Builder Notation</p> <p>$\{x \mid x < -2 \text{ or } x \geq 3\}$</p> |