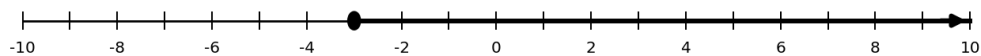
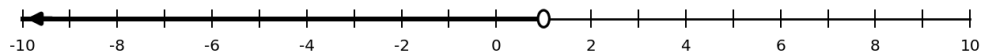


Graphing Inequalities and Interval Notation - Answer Key

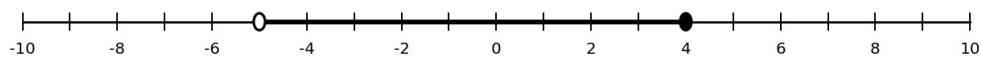
1. $[-3, \infty)$



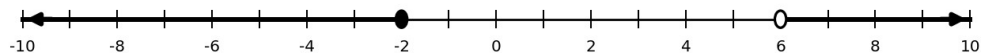
2. $(-\infty, 1)$



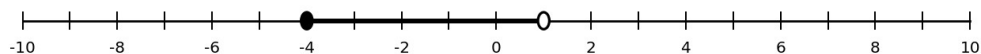
3. $(-5, 4)$



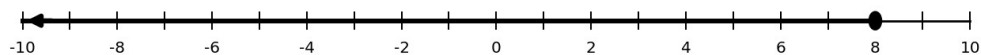
4. $(-\infty, -2) \cup (6, \infty)$



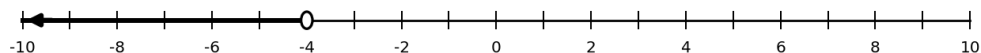
5. $[-4, 1)$



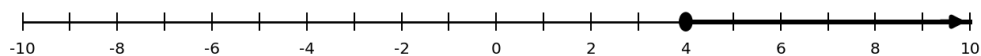
6. $x \leq 8; (-\infty, 8)$



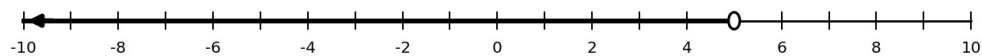
7. $a \leftarrow 4; (-\infty, -4)$



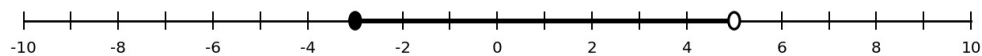
8. $m \geq 4; [4, \infty)$



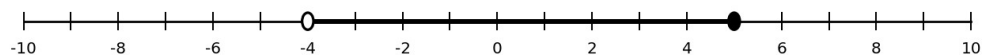
9. $x < 5; (-\infty, 5)$



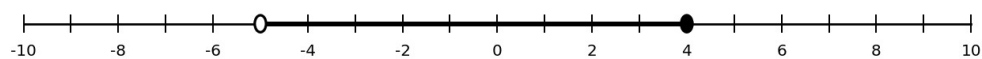
10. $-3 \leq x < 5; [-3, 5)$



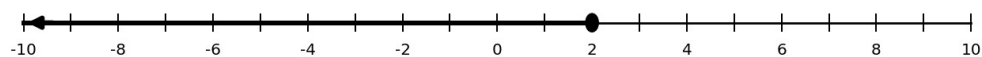
11. $-4 < y \leq 5; (-4, 5]$



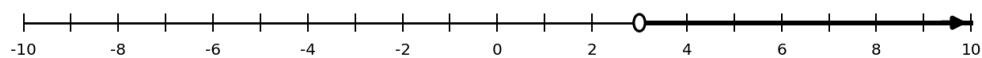
12. $-5 < x \leq 4$



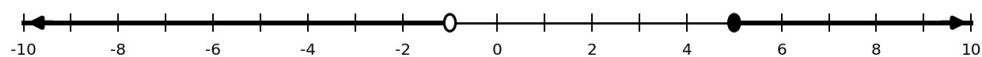
13. $x \leq 2$



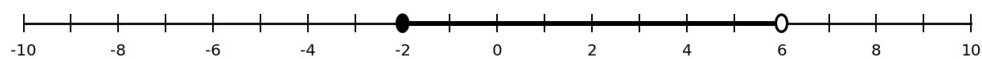
14. $x > 3$



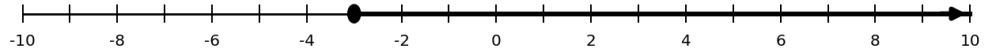
15. $x \leq -1$ or $x \geq 5$



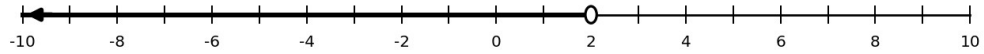
16. $-2 \leq x < 6$



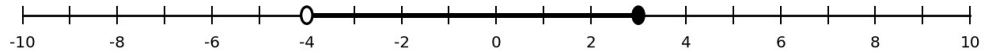
17. $x \geq -3; [-3, \infty)$



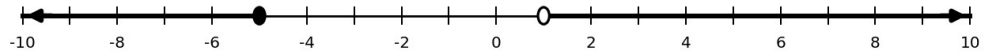
18. $x < 2; (-\infty, 2)$



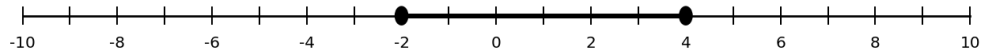
19. $-4 < x \leq 3; (-4, 3]$



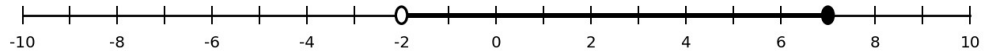
20. $x \leq -5$ or $x > 1; (-\infty, -5] \cup (1, \infty)$



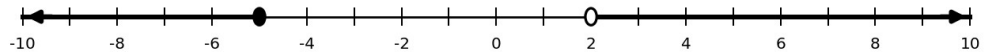
21. $-2 \leq x \leq 4; [-2, 4]$



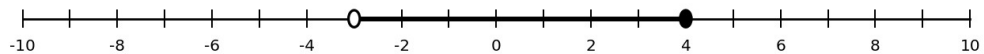
22. One possible answer: $-2 < x \leq 7$.



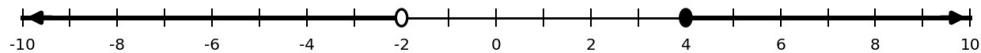
23. $(-\infty, -5] \cup (2, \infty)$



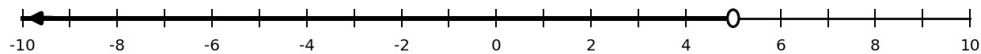
24. One possible answer: $-3 < x \leq 4; (-3, 4]$



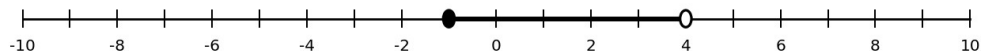
25. One possible answer: $x \leftarrow 2$ or $x \geq 4$; $(-\infty, -2) \cup [4, \infty)$



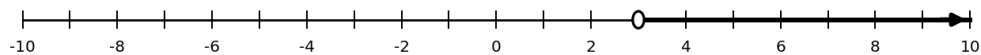
26. One possible pair: $x < 5$ and $2x < 10$.



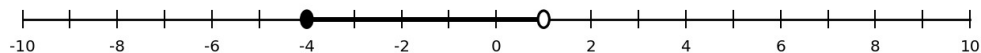
27. One possible answer: $[-1, 4)$; $-1 \leq x < 4$.



28. One possible answer: $-2x \leftarrow 6$; $x > 3$; $(3, \infty)$



29. $-4 \leq x < 1$; $[-4, 1)$



30. One possible answer: $x \leftarrow 3$ or $x \geq 2$; $(-\infty, -3) \cup [2, \infty)$

