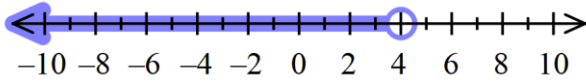


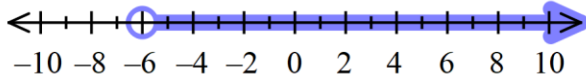
Review #1 answers

1. $x < 4$,

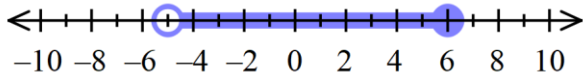


2. $x > -1$, $(-1, \infty)$

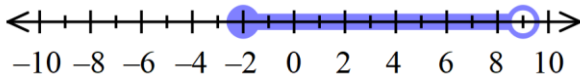
3. $(-6, \infty)$



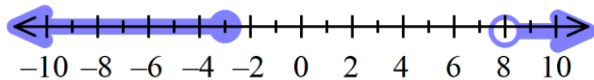
4. $(-5, 6]$



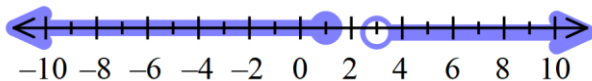
5. $-2 \leq x < 9$



6. $(-\infty, -3] \cup (8, \infty)$



7. $x \leq 1$ or $x > 3$



8. $-4 < x \leq 7$

9. $-15 < x < 8$

10. $x < 2$ or $x \geq 5$

11. $x \geq 17$, $[17, \infty)$

12. $2.85 \leq x \leq 3.64$, $[2.85, 3.64]$

13. $x \leq 2$, $(-\infty, 2]$

14. associative property of multiplication

15. Commutative property of multiplication

16. distributive property

17. additive identity

18. multiplicative identity

19. associative property of multiplication, multiplicative inverse property (reciprocal), multiplicative identity

20. QI

21. QIII

22. QIV

23. none or on the y-axis

24. 8

25. $16 + 4\sqrt{5}$ or 24.94

26. (2, 6)

27. $(\frac{9}{2}, \frac{\sqrt{2}+5}{2})$

28. $a = 7, b = 6$

30. $Q(a, -b)$

31. $Q(-a, b)$

32. $Q(-a, -b)$