

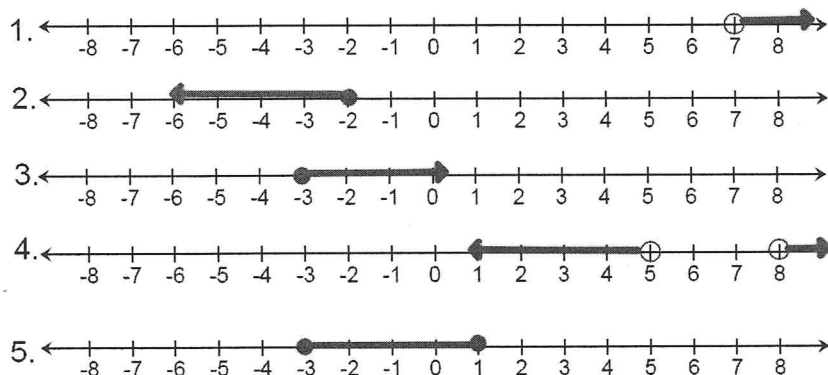
Chapter 1

1. $Q + 12$ 2. $2M$ 3. $\frac{36}{A}$ 4. $9c - 4$
 5. 11 6. 20 7. 16 8. 22 9. -26 10. 4 11. 6
 12. 53 13. 1 14. -1 15. $12m + 8$ 16. $-20A + 80$
 17. $-4k + 3$ 18. $6c + 21$ 19. $21M + 3N - 11$ 20. $-7x^3 - 5x$
 21. $9m^2n + 13mn^2 - 13mn$ 22. $-Q + 44$

Chapter 2

1. -24 2. 41.8 3. -10.4 4. 160 5. 21
 6. 18 7. 33 8. 234 9. -183 10. 42 11. 15 12. -6
 13. 3.75 14. 13 15. 61 16. 23 17. -55 18. -11
 19. $-\frac{3}{20}$ 20. No Solution 21. All Real Numbers
 22. $K = TR$ 23. $M = Y + M$ 24. $V = \frac{Q}{EJ}$ 25. $S = \frac{U+M}{R}$
 26. $C = W(A + R) - H$ 27. $R = \frac{G-B}{M} + K$ or $R = \frac{G-B+KM}{M}$

Chapter 3



6. $W < -2$ 7. $-5 \leq C \leq 0$ 8. $A < 1$ OR $A > 5$ 9. $w \leq 8$ 10. $v \geq 50$ 11. $w \leq 3$
 12. $K > -6$ 13. $-14 < R$ or $R > -14$ 14. $M \leq -11$ 15. $-12 < x < 5$
 16. a. Rational b. Rational c. Irrational d. Rational e. Irrational f. Rational, Integer
 g. Rational, Integer, Whole Number

Chapter 4

1. a) $x = 19.2$ b) $y = -4.75$ 2. 123.75 minutes 3. about 222,222
 4. 155 5. 233.33%
 6. 10.77%
 7. 112.5 cm
 8. 8.23 in
 9. a) $WC = 19.2$ b) $KB = 9.375$