DIRECTIONS

Answers without work to check. If you cannot find your mistake then please seek help EARLY! This assignment is worth 4 pts. 1) did you complete it 2) did you show all the work 3) did you correct in pen 4) did you get 75% of the problems correct?

Pg. 8 answers. Check the ones you were supposed to do for your assignment.

2. yes; $x = -5$

4. $x - 6 = 5$; It is the only one that involves addition and subtraction.

5. $x = 3$; Subtract 5 from each side.

6. $m = -7$; Subtract 9 from each side.

7. $y = 7$; Add 4 to each side.

8. $s = 3$; Add 2 to each side.

9. $w = -7$; Subtract 3 from each side.

10. $n = -1$; Add 6 to each side.

11. $p = -3$; Add 11 to each side.

12. $q = -4$; Subtract 4 from each side.

13. $r = 18$; Add 8 to each side.

14. $t = 4$; Subtract 5 from each side.

15. $p - 12.95 = 44$; $56.95

16. $x + 12 = 195$; 183 points

17. $x + 100 + 120 + 100 = 360$; $x = 40$

18. $x + 150 + 77 + 48 = 360; x = 85$

19. $x + 76 + 92 + 122 = 360; x = 70$

20. $x + 60 + 115 + 85 = 360; x = 100$

21. $g = 4$; Divide each side by 5.

22. $q = 13$; Divide each side by 4.

23. $p = 15$; Multiply each side by 5.

24. $y = 7$; Multiply each side by 7.

25. $r = -8$; Divide each side by -8.

26. $x = -16$; Multiply each side by -2.

27. $x = 48$; Multiply each side by 6.

28. $w = -18$; Multiply each side by -3.

29. $s = -6$; Divide each side by 9.

30. $t = -49$; Multiply each side by 7.

31. $t = -1$

32. $b = \frac{1}{2}$

33. $m = 14$

34. $y = -10$

35. $a = 5.6$

36. $f = 4\pi$

37. $j = -18$

38. $x = -2.8$

39. Subtract -0.8 from each side, not add; $r = 12.6 - (-0.8)$; $r = 13.4$

40. Multiply each side by -3, not 3; $-3 \cdot \left(-\dfrac{m}{3}\right) = -3 \cdot (-4)$; $m = 12$

41. *C*; Multiplying the number of eggs in each carton by the number of cartons will give the total number of eggs; 9 cartons

42. $-5 = 20 - T$; 25°F

43. $9.5 = 1.9w$; 5 ft

44. $4708 = b + 308$; $4400

46. **a.** $4.5A = 81$; 18 ft²
   b. 6 ft by 3 ft

57. **a.** 132 hits
   b. no; Dividing by a larger number of at-bats decreases the value of the average.

58. $8y + 24$

59. $\frac{5}{6}x + \frac{15}{4}$

60. $5m + 15 + 5n$

61. $8p + 16q + 24$