

Chapter 1 and 2 Review

Name _____

Evaluate.

1. $9 + (-6)$ 2. $-7(9)$ 3. $-8 - (-4)$ 4. $\frac{14}{-2}$ 5. $-10 + (-17)$
6. $18 - 24$ 7. $-10(-3)$ 8. $-6 - 11$ 9. $\frac{-27}{-3}$ 10. $-13 + 25$
11. $|-15|$ 12. $4|-3+10|$ 13. $|11+(-15)|$ 14. $-6|-5+11| + 7$ 15. $|-6+1|$

Simplify.

16. $24c - 8 - 19c + 2$ 17. $8a + 7 - 2a + 4d - 3$ 18. $-19p + 10 - 6p - 2 + p$
19. $3(d - 7)$ 20. $-8(f - 4)$ 21. $(2h + 5)6$ 22. $(g - 2h)(-6)$

Evaluate. Show work.

23. $3 + 2 * 4$ 24. $5 * 3 - (8 - 4)^2$ 25. $10^2 \div 5 + 9(-3)$

Evaluate when $x = 5$ and $y = -3$. Show work.

26. $-3x^2$ 27. $4y^2$

Solve. Show all work.

28. $4c = -16$

30. $x - 15 = 22$

31. $-9 + c = -12$

32. $-14 = \frac{m}{2}$

33. $-3x + 7 = -14$

34. $32 = 5c - 8$

35. $\frac{x}{-6} + 11 = 20$

36. $2x + 7x - 9 - x = 55$

37. $3m - 9 + 4m + 15 = -22$

38. $3(m - 5) = 6$

39. $-5(x - 7) + x = 15$

40. $3(y + 3) = 6y - 21$

41. $9b - 5 = 11b + 21$

42. Evaluate. $(7 + 18 \div 3^2)((5 - 1) \cdot 3 - 2^2 \cdot 5)$