Name

Chapter 7 Review

**Use the distributive property to simplify the expression.**

1. 3(2n + 8) 2. 6(p – 10)

3. -4(7h + 5) 4. -2(9e – 12)

**Simplify the expression.**

5. 7*x* + 8 – *x* – 7 6. 18*t* + 3 – 2*t* + 5

7. -11 + 5*b* + 6 – 2*b* 8. 5*a* – 9 + 4*a* – 15

9. What is the inverse operation of division?

10. Which operation would you use to solve $\frac{h}{4}$ = 2?

**Solve each equation. Check your solution.**

11. -2*g* = 14 12. $\frac{x}{8}$ = 9

13. *r* – 3 = -13 14. 2.4 + *m* = 7.8

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15. -*f* = 4 16. 4*y* + 6 = 22

17. -2 = $\frac{t}{20}$ + 8 18. 2*s* + 6 = 64

19. $\frac{2}{3}$*r* – 8 = -32 20. 2.5*c* – 8.1 = 3.9