Name _____ Class _____ Date _____

Practice 7-2

Solving Multi-Step Equations

Solve and check each equation.

1. $\frac{p}{3} - 7 = -2$

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2. $2(n - 7) + 3 = 9$

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3. $0 = 5(k + 9)$

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4. $4h + 7h - 16 = 6$

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5. $3(2n - 7) = 9$

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6. $-27 = 8x - 5x$

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7. $4p + 5 - 7p = -1$

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8. $7 - y + 5y = 9$

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9. $8e + 3(5 - e) = 10$

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10. $-37 = 3x + 11 - 7x$

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11. $9 - 3(n - 5) = 30$

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12. $\frac{1}{6}(y + 42) - 15 = -3$

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Write and solve an equation for each situation.

13. Find three consecutive integers whose sum is 51.

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14. Find three consecutive integers whose sum is -15.

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15. Find four consecutive integers whose sum is 30.

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16. Jack's overtime wage is \$3 per hour more than his regular hourly wage. He worked for 5 hours at his regular wage and 4 hours at the overtime wage. He earned \$66. Find his regular wage.

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