**Lesson 5 Skills Practice**

***Simplify Algebraic Expressions***

**Identify the terms, like terms, coefficients, and constants in each expression.**

**1.** 4*e* + 7*e* + 5 **2.** 5*a* + 2 – 7

**3.** –3*h* – 2*h* + 6*h* + 9 **4.** 4 – 4*y* + *y* – 3

**5.** 7 – 5*y* + 2 + 1 **6.** 2*m* + 3*m* – *m*

**7.** 9*k* + 7 – *k* + 4 **8.** –8*p* + 6*p* – 2

**Write each expression in simplest form.**

**9.** 3*t* + 6*t* **10.** 4*r* + *r* **11.** 7*f* – 2*f*

**12.** 9*a* – 8*a* **13.** 5*c* + 8*c* **14.** 2*g* – 5*g*

**15.** 8*k* + 3 + 4*k* **16.** 7*m* – 5*m* – 6 **17.** 9 – 6*x* + 5

**18.** 7*p* – 1 – 9*p* + 5 **19.** –*b* – 3*b* + 8*b* + 4 **20.** 5*h* – 6 – 8 + 7*h*

**21.** 8*b* + 6 – 8*b* + 1 **22.** *t* – 5 – 2*t* + 5 **23.** 4*w* + 5*w* + *w*

**24.** 6*m* – 7 + 2*m* + 7 **25.** 5*f* – 7*f* + *f* **26.** 12*y* – 8 + 4*y* + *y*

**Write an expression in simplest form that represents the total amount in each situation.**

**27. RUNNING** You run *m* miles on Friday, the same amount on Saturday, and 4 miles on Sunday.

**28. READING** Hendrick read *b* books in January, twice that amount in February, and 1 book in March.