Name Date Time

LESSON 3•3

More Algebraic Expressions

Write each word phrase as an algebraic expression.

1. *t* increased by 5 _____

2. the product of *w* and 3 _____

3. 7 less than *g* _____

4. *m* halved _____

5. *k* shared equally by 8 people _____

6. 24 less than *x* tripled _____

7. *b* decreased by 12 _____

Evaluate each expression when $y = 9.05$.

8. $y + 4.98$ _____ **9.** $y - 8.9$ _____ **10.** $y * 10^2$ _____

Write an algebraic expression for each situation. Then solve the problem that follows.

11. Talia earns *d* dollars per week.

How much does Talia earn in 10 weeks? _____ dollars

If Talia earns $625.75 per week,
how much does she earn in 10 weeks? _____ dollars

12. Michelle is 5 years younger than Ruby, who is *r* years old. Kyle is twice as old as Michelle.

a. Using Ruby's age, *r,* write an expression for:

Michelle's age _____ years old

Kyle's age _____ years old

b. Suppose Ruby is 12 years old. Find:

Michelle's age _____ years old

Kyle's age _____ years old

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