

Homework for 3.1 Algebraic Expressions after 3.1 Activities

Name _____ Date _____ Period _____

Write and evaluate an expression for the problem.

1. You receive \$8 for raking leaves for 2 hours. What is your hourly wage?
2. Music lessons cost \$20 per week. How much do 6 weeks of lessons cost?
3. The scores on your first two history tests were 82 and 95. By how many points did you improve on your second test?
4. You buy a hat for \$12 and give the cashier a \$20 bill. How much change do you receive?

Review questions. Show all of your work.

A. $2.95(1.9)$

B. What is 20% of 62?

C. What is $\frac{3}{4}$ as a decimal?

D. Write 4% as a fraction in simplest form.

E. $3\frac{1}{2} \div 4$

F. Write the expression using exponents.

$$6 \cdot 6 \cdot 6 \cdot 6 \cdot 6$$

G. $4\frac{1}{4} (\frac{1}{3})$

H. Write the unit rate for a 7 pack of water for \$2.66.