

HOMEWORK

Evaluate each expression.

1. $\frac{3}{10}s$, when $s = \frac{3}{7}$ _____

2. $\frac{b}{7}$, when $b = \frac{35}{6}$ _____

3. $z \div \frac{3}{5}$, when $z = 3\frac{3}{10}$ _____

4. $9c$, when $c = \frac{11}{36}$ _____

5. $m + \frac{4}{7}n$, when $m = 9\frac{1}{3}$ and $n = \frac{7}{9}$ _____

6. $(a + b) \div \frac{1}{4}$, when $a = \frac{1}{2}$ and $b = \frac{3}{16}$ _____

Problem Solving

7. Ricardo cuts a piece of pine that is $3\frac{3}{5}$ m long. How many $\frac{3}{5}$ -m pieces can he cut from the board?

8. Molly burns 440 Calories every hour she jogs. Suppose she jogs h hours this week. Write an algebraic expression that shows how many Calories she burned jogging this week. Evaluate the expression if Molly jogs $3\frac{1}{4}$ hours this week.

Write About It

9. Explain how to simplify a fraction that has another fraction in its numerator. Use an example.
