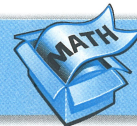


LESSON
6•5
Math Boxes

1. Simplify.

a. $\frac{3}{4}$ of 80 _____

b. $\frac{9}{8}$ of 2 _____

c. $\frac{2}{3}$ of $3\frac{1}{2}$ _____

d. $\frac{3}{8}$ of $\frac{4}{9}$ _____


2. Divide. Simplify if possible.

a. $\frac{8}{9} \div \frac{3}{4} =$ _____

b. $\frac{7}{8} \div \frac{1}{3} =$ _____

c. $\frac{6}{9} \div \frac{1}{2} =$ _____

d. $\frac{8}{24} \div \frac{4}{24} =$ _____


3. Give a ballpark estimate for each quotient.

a. $643.27 \div 5$ _____

b. $\frac{728.09}{7}$ _____

c. $432.67 \div 82$ _____

d. $2,091.05 / 53$ _____


4. Complete each sentence using an algebraic expression.

a. If Mark earns t dollars for each hour he tutors, then he earns _____ dollars when he tutors for $3\frac{1}{2}$ hours.

b. Madison's dog is 3 years older than her cat. If the dog is d years old, then the cat is _____ years old.

5. Write each decimal as a fraction in simplest form.

a. $0.06 =$ _____

b. $0.52 =$ _____

c. $0.09 =$ _____

d. $0.64 =$ _____


6. Roll two 6-sided dice, one red, one green. Give the probability of rolling the following totals.

a. 11 _____ **b.** 7 _____

c. 0 _____ **d.** 3 or 4 _____

e. an even number _____

