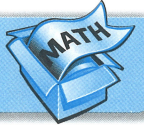


LESSON
6•4a
Math Boxes

1. Simplify.

a. $\frac{2}{3}$ of 123 _____

b. $\frac{7}{6}$ of 72 _____

c. $\frac{3}{4}$ of $2\frac{1}{2}$ _____

d. $\frac{7}{8}$ of $\frac{4}{7}$ _____


2. Divide. Simplify if possible.

a. $\frac{4}{5} \div \frac{1}{2} =$ _____

b. $\frac{8}{9} \div \frac{2}{5} =$ _____

c. $\frac{3}{4} \div \frac{4}{5} =$ _____

d. $\frac{9}{18} \div \frac{3}{18} =$ _____


3. Give a ballpark estimate for each quotient.

a. $487.8 \div 3$ _____

b. $619.725 \div 5$ _____

c. $1,824 \div 60$ _____

d. $\frac{5,478}{92}$ _____


4. Complete each sentence using an algebraic expression.

a. Raven is 3 years older than her brother. If Raven's brother is b years old, then

Raven is _____ years old.

b. If every box of crayons contains 8 crayons, then c boxes of crayons contain _____ crayons.

5. Write each fraction as a decimal.

a. $\frac{32}{100} =$ _____

b. $\frac{1}{4} =$ _____

c. $\frac{47}{50} =$ _____

d. $\frac{8}{20} =$ _____


6. Suppose you toss a fair coin 10 times. What is the probability of getting HEADS on:

a. the first toss? _____

b. the third toss? _____

c. the tenth toss? _____
