

Part 6 Multiplication Practice

1. **A.** 200×60 **B.** $300 \times 4 =$ **C.** $3000 \times 50 =$ **D.** $3000 \times 800 =$

E. $5000 \times 20 =$ **F.** $30 \times 600 =$ **G.** $900 \times 300 =$ **H.** $20,000 \times 5,000 =$

2. Solve the following problems. Choose an appropriate method: mental math, paper-and-pencil, or a calculator. Hint: Sometimes drawing a picture of a problem can help you solve it.
- A.** Jessie's mother is shopping in a sports store. Socks are on sale for \$2.95 for 3 pairs. If she has \$20, how many pairs of socks can she buy?
- B.** Lin's father purchased a brand new car. His car payments are \$500 monthly for 4 years. After 4 years, how much will he have paid for his car?
- C.** Last year Mr. Moreno bought two cans of soda from the machine at school each day. This year he decided to drink water instead. If one can of soda costs \$1.50, will Mr. Moreno save more or less than \$600 in one school year? (A school year has about 180 school days.)

Part 7 Number Sentences with Fractions

1. Write $<$, $>$, or $=$ to make each number sentence true.

A. $\frac{9}{2} \bigcirc \frac{9}{5}$

B. $\frac{5}{5} \bigcirc \frac{10}{10}$

C. $\frac{7}{12} \bigcirc \frac{7}{10}$

D. $\frac{5}{3} \bigcirc \frac{9}{6}$

E. $\frac{9}{2} \bigcirc \frac{9}{5}$ and $\frac{5}{8} \bigcirc \frac{1}{2}$ so $\frac{3}{6} \bigcirc \frac{5}{8}$

2. Find the fraction to make each number sentence true.

A. $\frac{6}{24} = \frac{1}{4} = \frac{\square}{8}$

B. $\frac{1}{3} = \frac{5}{15} = \frac{\square}{24}$

C. $\frac{3}{4} = \frac{\square}{12} = \frac{12}{16}$

D. $\frac{9}{15} = \frac{12}{20} = \frac{3}{\square}$

3. Estimate to decide if each sum or difference is less than or greater than one. Then solve each problem.

Circle one

A. $\frac{1}{4} + \frac{1}{2} = \square$

Less than one

Greater than one

B. $\frac{5}{3} - \frac{1}{3} = \square$

Less than one

Greater than one

C. $\frac{3}{4} + \frac{4}{8} = \square$

Less than one

Greater than one

D. $\frac{14}{8} - \frac{3}{6} = \square$

Less than one

Greater than one

E. $\frac{3}{4} - \frac{2}{6} = \square$

Less than one

Greater than one

F. Show or tell how you decided if the estimated answer was less than or greater than one for Question C.