

Homework

Sketch a rectangle for each problem and solve using any method that relates to your sketch.

1. $8 \times 6,000$

2. $6 \times 3,542$

3. $7 \times 3,124$

4. $5 \times 7,864$

5. A school is participating in a pull tab program to raise money for a local organization. The school puts 1,295 pull tabs in each bag. The school has 7 bags of pull tabs. How many pull tabs has the school collected?

6. A dance company has scheduled 4 performances at a theater. The theater has 2,763 seats. Every ticket has been sold for each of the performances. How many tickets were sold in all?

7. An amusement park has about 3,600 visitors each day. About how many visitors does the amusement park have in one week?

Show your work

Remembering

Add or subtract.

$$\begin{array}{r} 1. \quad 23,152 \\ - 10,894 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 308,000 \\ - 175,296 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 827,381 \\ + 154,338 \\ \hline \end{array}$$

Solve each multiplication problem using any method. Use rounding and estimation to check your work.

$$4. \quad 21 \times 36$$

$$5. \quad 48 \times 16$$

$$6. \quad 53 \times 99$$

$$7. \quad 64 \times 72$$

Solve using any method and show your work. Check your work with estimation.

$$8. \quad 45 \times 91$$

$$9. \quad 26 \times 33$$

$$10. \quad 47 \times 52$$

$$11. \quad 87 \times 14$$

12. **Stretch Your Thinking** Lily says that $4 \times 7,000$ has the same product as $7 \times 4,000$. Is she correct? Explain using the Associative Property of Multiplication.
