

**Homework**

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

1.  $3 \times 45$

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2.  $32 \times 82$

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3.  $9 \times 2,477$

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4. 
$$\begin{array}{r} 86 \\ \times 4 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 419 \\ \times 6 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 76 \\ \times 39 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 23 \\ \times 95 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 6,965 \\ \times 8 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 746 \\ \times 5 \\ \hline \end{array}$$

**Solve.**

10. Simon makes an array that is 47 units wide and 33 units long. What is the area of Simon's array?

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11. A farmer plants vegetables in rows. He plants 36 rows of carrots with 13 carrot seeds in each row. How many carrot seeds did the farmer plant?

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# Remembering

Add or subtract.

$$\begin{array}{r} 1. \quad 563,902 \\ - 153,884 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 327,148 \\ - 123,960 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 650,295 \\ + 101,586 \\ \hline \end{array}$$

Sketch a rectangle model and solve using any method.

Round and estimate to check your answer.

$$4. \quad 6 \times 3,916 \quad \underline{\hspace{2cm}}$$

$$5. \quad 7 \times 2,843 \quad \underline{\hspace{2cm}}$$

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

$$6. \quad 7 \times 43 \quad \underline{\hspace{2cm}}$$

$$7. \quad 48 \times 26 \quad \underline{\hspace{2cm}}$$

$$8. \quad 4,715 \times 3 \quad \underline{\hspace{2cm}}$$

$$\begin{array}{r} 9. \quad 62 \\ \times 91 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 849 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 5,293 \\ \times 4 \\ \hline \end{array}$$

- 12. Stretch Your Thinking** LaDonne has a budget of \$240 for new school clothes. She needs at least two new shirts, two new pairs of pants, and one new pair of shoes. The shirts cost \$18 each. The pants cost \$32 each. The shoes cost \$49 per pair. Plan two different combinations of numbers of shirts, pants, and shoes that LaDonne could buy within her budget. What is the total cost for each buying plan?

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