## Homework

Find each product by factoring the tens. Draw rectangles if you need to.

1. $6 \times 2,6 \times 20$, and $6 \times 200$
$\qquad$
$\qquad$
2. $5 \times 5,5 \times 50$, and $5 \times 500$
3. $6 \times 5,60 \times 5$, and $60 \times 50$
$\qquad$
$\qquad$

On a sheet of grid paper, draw two different arrays of connected squares for each total. Label the sides and write the multiplication equation for each of your arrays.
7. 18 squares
$\qquad$
$\qquad$
8. 20 squares
$\qquad$
$\qquad$
9. 24 squares
$\qquad$
$\qquad$

## Add or subtract.

1. 2,728
$+7,245$
2. 83,054
$\begin{array}{r}1,496 \\ \hline\end{array}$
3. 27,300
$\begin{array}{r}-\quad 9,638 \\ \hline\end{array}$

Use any method to add.
4. 4,335
$\begin{array}{r}+2,694 \\ \hline\end{array}$
5. 3,806
$\begin{array}{r}+8,129 \\ \hline\end{array}$
6. 6,401
$\begin{array}{r}7,763 \\ \hline\end{array}$
7. 9,826 $\begin{array}{r}\text { +8,531 } \\ \hline\end{array}$

Solve each problem.
8. $10 \times$ $\qquad$ $=6$ tens
9. $10 \times 9=$ $\qquad$
10. $\qquad$ $\times 10=2$ tens
11. $\qquad$ $\times 10=5$ tens
12. $10 \times 4$ tens $=$ $\qquad$ 13. $10 \times$ $\qquad$ $=7$ hundreds
14. $10 \times$ $\qquad$ $=8$ tens
15. $\qquad$ $\times 10=3$ tens
16. Stretch Your Thinking Lucas says that since $40 \times 70$ and $60 \times 50$ both have factors with a total of two zeros, they will both have products with a total of two zeros. Is he correct? Explain.
$\qquad$
$\qquad$
$\qquad$

