Mental Math: Multiply Multiples of 10, 100 and 1,000

Use a basic fact and patterns to help you find each product.

\[
\begin{align*}
2 \times 8 &= 16 \\
2 \times 80 &= 160 \\
2 \times 800 &= 1,600 \\
2 \times 8,000 &= 16,000 \\
\end{align*}
\]

Find each product.

1. \(3 \times 3\)  
2. \(6 \times 3\)  
3. \(4 \times 8\)  
4. \(7 \times 80\)  
5. \(3 \times 900\)  
6. \(3 \times 2,000\)  
7. \(4 \times 50\)  
8. \(3 \times 500\)  
9. \(3 \times 400\)  
10. \(2 \times 90\)  
11. \(8 \times 700\)

Problem Solving

12. Carrie is making 4 beaded necklaces. Each necklace uses 50 beads. How many beads will Carrie need to make the necklaces?

Show your work.