Name _____ Date _____

Part 3 Multiplying by 10 and 100.

1. A. $6 \times 2 =$ _____ **B.** $6 \times 20 =$ _____ **C.** $6 \times 200 =$ _____

2. A. $3 \times 3 =$ _____ **B.** $3 \times 30 =$ _____ **C.** $3 \times 300 =$ _____

3. A. $5 \times 6 =$ _____ **B.** $5 \times 60 =$ _____ **C.** $5 \times 600 =$ _____

4. Describe any patterns you see in Questions 1, 2, and 3.

5. Use patterns to help you solve these problems.

A. $34 \times 10 =$ _____ **B.** $62 \times 100 =$ _____ **C.** $48 \times 10 =$ _____

D. $51 \times 100 =$ _____ **E.** $28 \times 100 =$ _____ **F.** $76 \times 10 =$ _____

Part 4 Use Strategies to Add and Subtract

Solve the problems. Estimate to be sure your answers are reasonable. Use the *Addition Strategies Menu* and *Subtraction Strategies Menu.*

A.
$$\begin{array}{r} 4006 \\ +498 \\ \hline \end{array}$$

B.
$$\begin{array}{r} 4006 \\ -498 \\ \hline \end{array}$$

C.
$$\begin{array}{r} 7032 \\ +1777 \\ \hline \end{array}$$

D.
$$\begin{array}{r} 7032 \\ -1777 \\ \hline \end{array}$$

E. Describe the estimation strategy you used for Question A.

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