The Distributive Property

1. Perform each multiplaction problem. Use the distributive property to assist you with your calculation. Check your answer using the vertical format method.

a) $3(27)$

$3(20+7)$

$60 + 21$

81 ✓

$$\begin{array}{r} \overset{2}{2}7 \\ \times\ \ 3 \\ \hline 81 \end{array}$$ ✓

b) $4(21)$

$$\begin{array}{r} 21 \\ \times\ \ 4 \\ \hline \end{array}$$

c) $6(27)$

$$\begin{array}{r} 27 \\ \times\ \ 6 \\ \hline \end{array}$$

d) $9(211)$

$$\begin{array}{r} 211 \\ \times\ \ 9 \\ \hline \end{array}$$

e) $27(11)$

$27(10+1)$

$270 + 27$

$\boxed{297}$

$$\begin{array}{r} 27 \\ \times\ 11 \\ \hline 27 \\ +\ 270 \\ \hline 297 \end{array}$$ ✓

f) $201(11)$

$$\begin{array}{r} 201 \\ \times\ 11 \\ \hline \end{array}$$

g) $9(54)$

$$\begin{array}{r} 54 \\ \times\ 9 \\ \hline \end{array}$$

h) $11(12)$

$$\begin{array}{r} 11 \\ \times\ 12 \\ \hline \end{array}$$

i) $12(11)$

$$\begin{array}{r} 12 \\ \times\ 11 \\ \hline \end{array}$$