

Name: _____

Distributive Property

Rewrite and solve each problem using the distributive property. Remember to show your work.

Example: $6 \times (40+9) = \underline{\quad 294 \quad}$

$$\begin{array}{r} (6 \times 40) + (6 \times 9) \\ 240 + 54 \\ \hline 294 \end{array}$$

A) $4 \times (3+6) = \underline{\hspace{2cm}}$

B) $5 \times (36+12) = \underline{\hspace{2cm}}$

C) $3 \times (27+14) = \underline{\hspace{2cm}}$

D) $7 \times (41+23) = \underline{\hspace{2cm}}$

E) $9 \times (90+35) = \underline{\hspace{2cm}}$

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Key

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$$\begin{array}{r} (6 \times 40) + (6 \times 9) \\ 240 + 54 \\ 294 \end{array}$$

A) $4 \times (3+6) = \underline{\quad 36 \quad}$

$$\begin{array}{r} (4 \times 3) + (4 \times 6) \\ 12 + 24 \\ 36 \end{array}$$

B) $5 \times (36+12) = \underline{\quad 240 \quad}$

$$\begin{array}{r} (5 \times 36) + (5 \times 12) \\ 180 + 60 \\ 240 \end{array}$$

C) $3 \times (27+14) = \underline{\quad 123 \quad}$

$$\begin{array}{r} (3 \times 27) + (3 \times 14) \\ 81 + 42 \\ 123 \end{array}$$

D) $7 \times (41+23) = \underline{\quad 438 \quad}$

$$\begin{array}{r} (7 \times 41) + (7 \times 23) \\ 287 + 151 \\ 438 \end{array}$$

E) $9 \times (90+35) = \underline{\quad 1125 \quad}$

$$\begin{array}{r} (9 \times 90) + (9 \times 35) \\ 810 + 315 \\ 1125 \end{array}$$