

Name : _____

Distributive Property

Use the distributive property to solve each problem.

① $8 \times 15 = (\underline{8} \times \underline{10}) + (\underline{8} \times \underline{5}) = \underline{80} + \underline{40} = \underline{120}$

② $4 \times 18 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

③ $10 \times 15 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

④ $4 \times 12 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

⑤ $6 \times 28 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

⑥ $12 \times 8 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

⑦ $8 \times 24 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

⑧ $6 \times 8 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

⑨ $7 \times 22 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

⑩ $6 \times 2 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

Name : _____

Distributive Property

Answers

$$\textcircled{1} \quad 8 \times 15 = (\underline{8} \times \underline{10}) + (\underline{8} \times \underline{5}) = \underline{80} + \underline{40} = \underline{120}$$

$$\textcircled{2} \quad 4 \times 18 = (\underline{4} \times \underline{10}) + (\underline{4} \times \underline{8}) = \underline{40} + \underline{32} = \underline{72}$$

$$\textcircled{3} \quad 10 \times 15 = (\underline{10} \times \underline{10}) + (\underline{10} \times \underline{5}) = \underline{100} + \underline{50} = \underline{150}$$

$$\textcircled{4} \quad 4 \times 12 = (\underline{4} \times \underline{10}) + (\underline{4} \times \underline{2}) = \underline{40} + \underline{8} = \underline{48}$$

$$\textcircled{5} \quad 6 \times 28 = (\underline{6} \times \underline{20}) + (\underline{6} \times \underline{8}) = \underline{120} + \underline{48} = \underline{168}$$

$$\textcircled{6} \quad 12 \times 8 = (\underline{12} \times \underline{5}) + (\underline{12} \times \underline{3}) = \underline{60} + \underline{36} = \underline{96}$$

$$\textcircled{7} \quad 8 \times 24 = (\underline{8} \times \underline{20}) + (\underline{8} \times \underline{4}) = \underline{160} + \underline{32} = \underline{192}$$

$$\textcircled{8} \quad 6 \times 8 = (\underline{6} \times \underline{6}) + (\underline{6} \times \underline{2}) = \underline{36} + \underline{12} = \underline{48}$$

$$\textcircled{9} \quad 7 \times 22 = (\underline{7} \times \underline{20}) + (\underline{7} \times \underline{2}) = \underline{140} + \underline{14} = \underline{154}$$

$$\textcircled{10} \quad 6 \times 2 = (\underline{6} \times \underline{1}) + (\underline{6} \times \underline{1}) = \underline{6} + \underline{6} = \underline{12}$$