



Use the distributive property to solve each problem.

Answers

$$\text{Ex) } 3 \times 17 = (3 \times 7) + (3 \times \underline{10}) = \underline{51}$$

$\begin{array}{r} 21 \\ + \\ 30 \\ \hline \end{array}$

Ex. 51

$$1) \quad 3 \times 12 = (3 \times 2) + (3 \times \underline{\quad}) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

1. _____

2. _____

$$2) \quad 14 \times 9 = (4 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

3. _____

4. _____

$$3) \quad 14 \times 6 = (7 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

5. _____

6. _____

$$4) \quad 17 \times 3 = (8 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

7. _____

8. _____

$$5) \quad 4 \times 12 = (4 \times 9) + (4 \times \underline{\quad}) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

9. _____

10. _____

$$6) \quad 9 \times 15 = (9 \times 8) + (9 \times \underline{\quad}) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

$$7) \quad 14 \times 9 = (7 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

$$8) \quad 8 \times 14 = (8 \times 7) + (8 \times \underline{\quad}) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

$$9) \quad 15 \times 5 = (6 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$

$$10) \quad 13 \times 3 = (8 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$$

$\begin{array}{r} + \\ \hline \end{array}$



Use the distributive property to solve each problem.

$$\text{Ex) } 3 \times 17 = (3 \times 7) + (3 \times \underline{10}) = \underline{51}$$

21 + 30

$$1) 3 \times 12 = (3 \times 2) + (3 \times \underline{10}) = \underline{36}$$

6 + 30

$$2) 14 \times 9 = (4 \times 9) + (\underline{10} \times 9) = \underline{126}$$

36 + 90

$$3) 14 \times 6 = (7 \times 6) + (\underline{7} \times 6) = \underline{84}$$

42 + 42

$$4) 17 \times 3 = (8 \times 3) + (\underline{9} \times 3) = \underline{51}$$

24 + 27

$$5) 4 \times 12 = (4 \times 9) + (4 \times \underline{3}) = \underline{48}$$

36 + 12

$$6) 9 \times 15 = (9 \times 8) + (9 \times \underline{7}) = \underline{135}$$

72 + 63

$$7) 14 \times 9 = (7 \times 9) + (\underline{7} \times 9) = \underline{126}$$

63 + 63

$$8) 8 \times 14 = (8 \times 7) + (8 \times \underline{7}) = \underline{112}$$

56 + 56

$$9) 15 \times 5 = (6 \times 5) + (\underline{9} \times 5) = \underline{75}$$

30 + 45

$$10) 13 \times 3 = (8 \times 3) + (\underline{5} \times 3) = \underline{39}$$

24 + 15

AnswersEx. 511. 362. 1263. 844. 515. 486. 1357. 1268. 1129. 7510. 39