



Use the distributive property to solve each problem.

$$\text{Ex) } 8 \times 15 = (8 \times 8) + (8 \times \underline{7}) = \underline{120}$$

$\quad \quad \quad 64 \quad \quad \quad + \quad \quad \quad 56$

$$1) \quad 17 \times 9 = (8 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$2) \quad 13 \times 8 = (5 \times 8) + (\underline{\quad} \times 8) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$3) \quad 4 \times 12 = (4 \times 6) + (4 \times \underline{\quad}) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$4) \quad 15 \times 9 = (6 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$5) \quad 4 \times 15 = (4 \times 5) + (4 \times \underline{\quad}) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$6) \quad 17 \times 5 = (7 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$7) \quad 13 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$8) \quad 17 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$9) \quad 7 \times 14 = (7 \times 4) + (7 \times \underline{\quad}) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

$$10) \quad 9 \times 13 = (9 \times 8) + (9 \times \underline{\quad}) = \underline{\quad}$$

$\quad \quad \quad + \quad \quad \quad \underline{\quad}$

**Answers**Ex. 120

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Use the distributive property to solve each problem.

$$\text{Ex) } 8 \times 15 = (8 \times 8) + (8 \times \underline{7}) = \underline{120}$$

$$\quad \quad \quad 64 \quad + \quad 56$$

$$1) \quad 17 \times 9 = (8 \times 9) + (\underline{9} \times 9) = \underline{153}$$

$$\quad \quad \quad 72 \quad + \quad 81$$

$$2) \quad 13 \times 8 = (5 \times 8) + (\underline{8} \times 8) = \underline{104}$$

$$\quad \quad \quad 40 \quad + \quad 64$$

$$3) \quad 4 \times 12 = (4 \times 6) + (4 \times \underline{6}) = \underline{48}$$

$$\quad \quad \quad 24 \quad + \quad 24$$

$$4) \quad 15 \times 9 = (6 \times 9) + (\underline{9} \times 9) = \underline{135}$$

$$\quad \quad \quad 54 \quad + \quad 81$$

$$5) \quad 4 \times 15 = (4 \times 5) + (4 \times \underline{10}) = \underline{60}$$

$$\quad \quad \quad 20 \quad + \quad 40$$

$$6) \quad 17 \times 5 = (7 \times 5) + (\underline{10} \times 5) = \underline{85}$$

$$\quad \quad \quad 35 \quad + \quad 50$$

$$7) \quad 13 \times 6 = (8 \times 6) + (\underline{5} \times 6) = \underline{78}$$

$$\quad \quad \quad 48 \quad + \quad 30$$

$$8) \quad 17 \times 6 = (8 \times 6) + (\underline{9} \times 6) = \underline{102}$$

$$\quad \quad \quad 48 \quad + \quad 54$$

$$9) \quad 7 \times 14 = (7 \times 4) + (7 \times \underline{10}) = \underline{98}$$

$$\quad \quad \quad 28 \quad + \quad 70$$

$$10) \quad 9 \times 13 = (9 \times 8) + (9 \times \underline{5}) = \underline{117}$$

$$\quad \quad \quad 72 \quad + \quad 45$$

AnswersEx. 1201. 1532. 1043. 484. 1355. 606. 857. 788. 1029. 9810. 117