



Use the distributive property to solve each problem.

$$\text{Ex) } 14 \times 4 = (5 \times 4) + (9 \times 4) = 20 + 36 = 56$$

$$1) \quad 6 \times 18 = (6 \times 9) + (6 \times \underline{\quad}) = \underline{\quad}$$

$$2) \quad 3 \times 16 = (3 \times 6) + (3 \times \underline{\quad}) = \underline{\quad}$$

$$3) \quad 18 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

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

$$5) \quad 13 \times 6 = (9 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$$6) \quad 9 \times 18 = (9 \times 9) + (9 \times \underline{\quad}) = \underline{\quad}$$

$$7) \quad 7 \times 15 = (7 \times 7) + (7 \times \underline{\quad}) = \underline{\quad}$$

$$8) \quad 5 \times 12 = (5 \times 7) + (5 \times \underline{\quad}) = \underline{\quad}$$

$$9) \quad 14 \times 6 = (6 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$$10) \quad 6 \times 17 = (6 \times 9) + (6 \times \underline{\quad}) = \underline{\quad}$$

AnswersEx. 56

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

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

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

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

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

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

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

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

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

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



Use the distributive property to solve each problem.

$$\text{Ex) } 14 \times 4 = (5 \times 4) + \left( \frac{9}{36} \times 4 \right) = \underline{56}$$

20      +      36

$$1) \quad 6 \times 18 = (6 \times 9) + \left( 6 \times \frac{9}{54} \right) = \underline{108}$$

54      +      54

$$2) \quad 3 \times 16 = (3 \times 6) + \left( 3 \times \frac{10}{30} \right) = \underline{48}$$

18      +      30

$$3) \quad 18 \times 6 = (8 \times 6) + \left( \frac{10}{60} \times 6 \right) = \underline{108}$$

48      +      60

$$4) \quad 14 \times 4 = (7 \times 4) + \left( \frac{7}{28} \times 4 \right) = \underline{56}$$

28      +      28

$$5) \quad 13 \times 6 = (9 \times 6) + \left( \frac{4}{24} \times 6 \right) = \underline{78}$$

54      +      24

$$6) \quad 9 \times 18 = (9 \times 9) + \left( 9 \times \frac{9}{81} \right) = \underline{162}$$

81      +      81

$$7) \quad 7 \times 15 = (7 \times 7) + \left( 7 \times \frac{8}{56} \right) = \underline{105}$$

49      +      56

$$8) \quad 5 \times 12 = (5 \times 7) + \left( 5 \times \frac{5}{25} \right) = \underline{60}$$

35      +      25

$$9) \quad 14 \times 6 = (6 \times 6) + \left( \frac{8}{48} \times 6 \right) = \underline{84}$$

36      +      48

$$10) \quad 6 \times 17 = (6 \times 9) + \left( 6 \times \frac{8}{48} \right) = \underline{102}$$

54      +      48

AnswersEx. 561. 1082. 483. 1084. 565. 786. 1627. 1058. 609. 8410. 102