



Use the distributive property to solve each problem.

$$\text{Ex) } 15 \times 3 = (9 \times 3) + (\underline{6} \times 3) = \underline{45}$$

$$\quad \quad \quad 27 \quad + \quad 18$$

$$1) \quad 13 \times 5 = (4 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$2) \quad 5 \times 18 = (5 \times 8) + (5 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$3) \quad 7 \times 12 = (7 \times 6) + (7 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$4) \quad 8 \times 17 = (8 \times 7) + (8 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$5) \quad 4 \times 13 = (4 \times 9) + (4 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$6) \quad 5 \times 15 = (5 \times 8) + (5 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$7) \quad 5 \times 16 = (5 \times 7) + (5 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$8) \quad 16 \times 9 = (9 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$9) \quad 16 \times 3 = (6 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$10) \quad 7 \times 12 = (7 \times 7) + (7 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

AnswersEx. 45

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

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

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

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

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

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

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

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

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

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



Use the distributive property to solve each problem.

$$\text{Ex) } 15 \times 3 = (9 \times 3) + \left( \frac{6}{27} \times 3 \right) = \underline{45}$$

$$1) 13 \times 5 = (4 \times 5) + \left( \frac{9}{45} \times 5 \right) = \underline{65}$$

$$2) 5 \times 18 = (5 \times 8) + \left( 5 \times \frac{10}{50} \right) = \underline{90}$$

$$3) 7 \times 12 = (7 \times 6) + \left( 7 \times \frac{6}{42} \right) = \underline{84}$$

$$4) 8 \times 17 = (8 \times 7) + \left( 8 \times \frac{10}{80} \right) = \underline{136}$$

$$5) 4 \times 13 = (4 \times 9) + \left( 4 \times \frac{4}{16} \right) = \underline{52}$$

$$6) 5 \times 15 = (5 \times 8) + \left( 5 \times \frac{7}{35} \right) = \underline{75}$$

$$7) 5 \times 16 = (5 \times 7) + \left( 5 \times \frac{9}{45} \right) = \underline{80}$$

$$8) 16 \times 9 = (9 \times 9) + \left( \frac{7}{63} \times 9 \right) = \underline{144}$$

$$9) 16 \times 3 = (6 \times 3) + \left( \frac{10}{30} \times 3 \right) = \underline{48}$$

$$10) 7 \times 12 = (7 \times 7) + \left( 7 \times \frac{5}{35} \right) = \underline{84}$$

AnswersEx. 451. 652. 903. 844. 1365. 526. 757. 808. 1449. 4810. 84