



# Using Distributive Property

Name: \_\_\_\_\_

**Use the distributive property to solve each problem.**

**Ex)**  $14 \times 4 = (5 \times 4) + (\underline{9} \times 4) = \underline{\underline{56}}$

**1)**  $6 \times 18 = (6 \times 9) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

**2)**  $3 \times 16 = (3 \times 6) + (3 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

**3)**  $18 \times 6 = (8 \times 6) + (\underline{\hspace{1cm}} \times 6) = \underline{\hspace{1cm}}$

**4)**  $14 \times 4 = (7 \times 4) + (\underline{\hspace{1cm}} \times 4) = \underline{\hspace{1cm}}$

**5)**  $13 \times 6 = (9 \times 6) + (\underline{\hspace{1cm}} \times 6) = \underline{\hspace{1cm}}$

**6)**  $9 \times 18 = (9 \times 9) + (9 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

**7)**  $7 \times 15 = (7 \times 7) + (7 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

**8)**  $5 \times 12 = (5 \times 7) + (5 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

**9)**  $14 \times 6 = (6 \times 6) + (\underline{\hspace{1cm}} \times 6) = \underline{\hspace{1cm}}$

**10)**  $6 \times 17 = (6 \times 9) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

## Answers

Ex. **56**

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

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

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

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

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

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

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

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

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

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



# Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

**Ex)**  $14 \times 4 = (5 \times 4) + (\underline{9} \times 4) = \underline{\underline{56}}$

**1)**  $6 \times 18 = (6 \times 9) + (\underline{6} \times \underline{9}) = \underline{\underline{108}}$

**2)**  $3 \times 16 = (3 \times 6) + (\underline{3} \times \underline{10}) = \underline{\underline{48}}$

**3)**  $18 \times 6 = (8 \times 6) + (\underline{4} \times \underline{6}) = \underline{\underline{108}}$

**4)**  $14 \times 4 = (7 \times 4) + (\underline{7} \times 4) = \underline{\underline{56}}$

**5)**  $13 \times 6 = (9 \times 6) + (\underline{5} \times \underline{6}) = \underline{\underline{78}}$

**6)**  $9 \times 18 = (9 \times 9) + (\underline{9} \times \underline{9}) = \underline{\underline{162}}$

**7)**  $7 \times 15 = (7 \times 7) + (\underline{7} \times \underline{8}) = \underline{\underline{105}}$

**8)**  $5 \times 12 = (5 \times 7) + (\underline{5} \times \underline{5}) = \underline{\underline{60}}$

**9)**  $14 \times 6 = (6 \times 6) + (\underline{8} \times 6) = \underline{\underline{84}}$

**10)**  $6 \times 17 = (6 \times 9) + (6 \times \underline{8}) = \underline{\underline{102}}$

## Answers

Ex. **56**

1. **108**

2. **48**

3. **108**

4. **56**

5. **78**

6. **162**

7. **105**

8. **60**

9. **84**

10. **102**