



# Using Distributive Property

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

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

**Ex)**  $4 \times 13 = (4 \times 6) + (4 \times \underline{7}) = \underline{\underline{52}}$

**1)**  $15 \times 3 = (6 \times 3) + (\underline{\hspace{2cm}} \times 3) = \underline{\hspace{2cm}}$

**2)**  $7 \times 13 = (7 \times 4) + (7 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

**3)**  $6 \times 17 = (6 \times 9) + (6 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

**4)**  $13 \times 6 = (5 \times 6) + (\underline{\hspace{2cm}} \times 6) = \underline{\hspace{2cm}}$

**5)**  $6 \times 17 = (6 \times 9) + (6 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

**6)**  $13 \times 9 = (5 \times 9) + (\underline{\hspace{2cm}} \times 9) = \underline{\hspace{2cm}}$

**7)**  $7 \times 17 = (7 \times 7) + (7 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

**8)**  $16 \times 6 = (6 \times 6) + (\underline{\hspace{2cm}} \times 6) = \underline{\hspace{2cm}}$

**9)**  $14 \times 9 = (8 \times 9) + (\underline{\hspace{2cm}} \times 9) = \underline{\hspace{2cm}}$

**10)**  $5 \times 18 = (5 \times 9) + (5 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

## Answers

Ex. **52**

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)**  $4 \times 13 = (4 \times 6) + (4 \times \underline{7}) = \underline{\underline{52}}$

**1)**  $15 \times 3 = (6 \times 3) + (\underline{9} \times 3) = \underline{\underline{45}}$

**2)**  $7 \times 13 = (7 \times 4) + (7 \times \underline{9}) = \underline{\underline{91}}$

**3)**  $6 \times 17 = (6 \times 9) + (6 \times \underline{8}) = \underline{\underline{102}}$

**4)**  $13 \times 6 = (5 \times 6) + (\underline{8} \times 6) = \underline{\underline{78}}$

**5)**  $6 \times 17 = (6 \times 9) + (6 \times \underline{8}) = \underline{\underline{102}}$

**6)**  $13 \times 9 = (5 \times 9) + (\underline{8} \times 9) = \underline{\underline{117}}$

**7)**  $7 \times 17 = (7 \times 7) + (7 \times \underline{10}) = \underline{\underline{119}}$

**8)**  $16 \times 6 = (6 \times 6) + (\underline{10} \times 6) = \underline{\underline{96}}$

**9)**  $14 \times 9 = (8 \times 9) + (\underline{6} \times 9) = \underline{\underline{126}}$

**10)**  $5 \times 18 = (5 \times 9) + (5 \times \underline{9}) = \underline{\underline{90}}$

## Answers

Ex. **52**

**45**

**91**

**102**

**78**

**102**

**117**

**119**

**96**

**126**

**90**