



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

1) $13 \times 9 = (4 \times 9) + (\underline{\hspace{2cm}} \times 9) = \underline{\hspace{2cm}}$

2) $6 \times 13 = (6 \times 8) + (6 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

3) $7 \times 15 = (7 \times 5) + (7 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

4) $13 \times 4 = (3 \times 4) + (\underline{\hspace{2cm}} \times 4) = \underline{\hspace{2cm}}$

5) $7 \times 16 = (7 \times 6) + (7 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

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

7) $16 \times 7 = (6 \times 7) + (\underline{\hspace{2cm}} \times 7) = \underline{\hspace{2cm}}$

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

9) $14 \times 9 = (6 \times 9) + (\underline{\hspace{2cm}} \times 9) = \underline{\hspace{2cm}}$

10) $9 \times 12 = (9 \times 9) + (9 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

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

1) $13 \times 9 = (4 \times 9) + (\underline{36} \times 9) = \underline{\underline{117}}$

2) $6 \times 13 = (6 \times 8) + (6 \times \underline{5}) = \underline{\underline{78}}$

3) $7 \times 15 = (7 \times 5) + (7 \times \underline{10}) = \underline{\underline{105}}$

4) $13 \times 4 = (3 \times 4) + (\underline{12} \times 4) = \underline{\underline{52}}$

5) $7 \times 16 = (7 \times 6) + (7 \times \underline{10}) = \underline{\underline{112}}$

6) $13 \times 5 = (6 \times 5) + (\underline{30} \times 5) = \underline{\underline{65}}$

7) $16 \times 7 = (6 \times 7) + (\underline{42} \times 7) = \underline{\underline{112}}$

8) $18 \times 5 = (8 \times 5) + (\underline{40} \times 5) = \underline{\underline{90}}$

9) $14 \times 9 = (6 \times 9) + (\underline{54} \times 9) = \underline{\underline{126}}$

10) $9 \times 12 = (9 \times 9) + (9 \times \underline{3}) = \underline{\underline{108}}$

Answers

Ex. **56**

1. **117**

2. **78**

3. **105**

4. **52**

5. **112**

6. **65**

7. **112**

8. **90**

9. **126**

10. **108**