

Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $12 \times 8 = (5 \times 8) + (\underline{40} \times 8) = \underline{\underline{96}}$

1) $6 \times 17 = (6 \times 7) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

2) $15 \times 6 = (5 \times 6) + (\underline{\hspace{1cm}} \times 6) = \underline{\hspace{1cm}}$

3) $6 \times 14 = (6 \times 7) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

4) $12 \times 9 = (8 \times 9) + (\underline{\hspace{1cm}} \times 9) = \underline{\hspace{1cm}}$

5) $13 \times 7 = (9 \times 7) + (\underline{\hspace{1cm}} \times 7) = \underline{\hspace{1cm}}$

6) $15 \times 4 = (6 \times 4) + (\underline{\hspace{1cm}} \times 4) = \underline{\hspace{1cm}}$

7) $6 \times 18 = (6 \times 9) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

8) $12 \times 9 = (6 \times 9) + (\underline{\hspace{1cm}} \times 9) = \underline{\hspace{1cm}}$

9) $14 \times 8 = (5 \times 8) + (\underline{\hspace{1cm}} \times 8) = \underline{\hspace{1cm}}$

10) $7 \times 15 = (7 \times 9) + (7 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

Answers

Ex. 96

1. _____

2. _____

3. _____

4. _____

5. _____

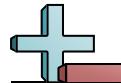
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $12 \times 8 = (5 \times 8) + (\underline{40} \times \underline{8}) = \underline{\underline{96}}$

1) $6 \times 17 = (6 \times 7) + (\underline{42} \times \underline{10}) = \underline{\underline{102}}$

2) $15 \times 6 = (5 \times 6) + (\underline{30} \times \underline{6}) = \underline{\underline{90}}$

3) $6 \times 14 = (6 \times 7) + (\underline{42} \times \underline{7}) = \underline{\underline{84}}$

4) $12 \times 9 = (8 \times 9) + (\underline{72} \times \underline{9}) = \underline{\underline{108}}$

5) $13 \times 7 = (9 \times 7) + (\underline{63} \times \underline{7}) = \underline{\underline{91}}$

6) $15 \times 4 = (6 \times 4) + (\underline{24} \times \underline{4}) = \underline{\underline{60}}$

7) $6 \times 18 = (6 \times 9) + (\underline{54} \times \underline{9}) = \underline{\underline{108}}$

8) $12 \times 9 = (6 \times 9) + (\underline{54} \times \underline{9}) = \underline{\underline{108}}$

9) $14 \times 8 = (5 \times 8) + (\underline{40} \times \underline{8}) = \underline{\underline{112}}$

10) $7 \times 15 = (7 \times 9) + (\underline{63} \times \underline{6}) = \underline{\underline{105}}$

Answers

Ex. **96**

1. **102**

2. **90**

3. **84**

4. **108**

5. **91**

6. **60**

7. **108**

8. **108**

9. **112**

10. **105**