



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $9 \times 18 = (9 \times 8) + (9 \times \underline{10}) = \underline{162}$

1) $13 \times 5 = (8 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$

2) $14 \times 3 = (7 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

3) $17 \times 9 = (8 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$

4) $16 \times 3 = (9 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

5) $5 \times 14 = (5 \times 8) + (5 \times \underline{\quad}) = \underline{\quad}$

6) $9 \times 17 = (9 \times 7) + (9 \times \underline{\quad}) = \underline{\quad}$

7) $4 \times 18 = (4 \times 9) + (4 \times \underline{\quad}) = \underline{\quad}$

8) $18 \times 3 = (9 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

9) $13 \times 5 = (8 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$

10) $6 \times 14 = (6 \times 4) + (6 \times \underline{\quad}) = \underline{\quad}$

Answers

Ex. **162**

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) $9 \times 18 = (9 \times 8) + (9 \times \underline{10}) = \underline{162}$

1) $13 \times 5 = (8 \times 5) + (\underline{40} \times 5) = \underline{65}$

2) $14 \times 3 = (7 \times 3) + (\underline{21} \times 3) = \underline{42}$

3) $17 \times 9 = (8 \times 9) + (\underline{72} \times 9) = \underline{153}$

4) $16 \times 3 = (9 \times 3) + (\underline{27} \times 3) = \underline{48}$

5) $5 \times 14 = (5 \times 8) + (5 \times \underline{40}) = \underline{70}$

6) $9 \times 17 = (9 \times 7) + (9 \times \underline{63}) = \underline{153}$

7) $4 \times 18 = (4 \times 9) + (4 \times \underline{36}) = \underline{72}$

8) $18 \times 3 = (9 \times 3) + (\underline{27} \times 3) = \underline{54}$

9) $13 \times 5 = (8 \times 5) + (\underline{40} \times 5) = \underline{65}$

10) $6 \times 14 = (6 \times 4) + (6 \times \underline{24}) = \underline{84}$

Answers

Ex. **162**

65

42

153

48

70

153

72

54

65

84



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $9 \times 15 = (9 \times 6) + (9 \times \underline{9}) = \underline{135}$

1) $14 \times 3 = (7 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

2) $17 \times 3 = (9 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

3) $5 \times 17 = (5 \times 9) + (5 \times \underline{\quad}) = \underline{\quad}$

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

5) $7 \times 15 = (7 \times 7) + (7 \times \underline{\quad}) = \underline{\quad}$

6) $4 \times 16 = (4 \times 8) + (4 \times \underline{\quad}) = \underline{\quad}$

7) $16 \times 7 = (8 \times 7) + (\underline{\quad} \times 7) = \underline{\quad}$

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

9) $6 \times 12 = (6 \times 4) + (6 \times \underline{\quad}) = \underline{\quad}$

10) $3 \times 16 = (3 \times 9) + (3 \times \underline{\quad}) = \underline{\quad}$

Answers

Ex. **135**

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) $9 \times 15 = (9 \times 6) + (9 \times \underline{9}) = \underline{135}$

1) $14 \times 3 = (7 \times 3) + (\underline{7} \times 3) = \underline{42}$

2) $17 \times 3 = (9 \times 3) + (\underline{8} \times 3) = \underline{51}$

3) $5 \times 17 = (5 \times 9) + (5 \times \underline{8}) = \underline{85}$

4) $5 \times 14 = (5 \times 4) + (5 \times \underline{10}) = \underline{70}$

5) $7 \times 15 = (7 \times 7) + (7 \times \underline{8}) = \underline{105}$

6) $4 \times 16 = (4 \times 8) + (4 \times \underline{8}) = \underline{64}$

7) $16 \times 7 = (8 \times 7) + (\underline{8} \times 7) = \underline{112}$

8) $16 \times 8 = (8 \times 8) + (\underline{8} \times 8) = \underline{128}$

9) $6 \times 12 = (6 \times 4) + (6 \times \underline{8}) = \underline{72}$

10) $3 \times 16 = (3 \times 9) + (3 \times \underline{7}) = \underline{48}$

Answers

Ex. **135**

42

51

85

70

105

64

112

128

72

48



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $17 \times 8 = (8 \times 8) + (\underline{9} \times 8) = \underline{\underline{136}}$

1) $14 \times 4 = (6 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$

2) $6 \times 12 = (6 \times 3) + (6 \times \underline{\quad}) = \underline{\quad}$

3) $4 \times 16 = (4 \times 6) + (4 \times \underline{\quad}) = \underline{\quad}$

4) $9 \times 14 = (9 \times 6) + (9 \times \underline{\quad}) = \underline{\quad}$

5) $16 \times 4 = (7 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$

6) $9 \times 17 = (9 \times 8) + (9 \times \underline{\quad}) = \underline{\quad}$

7) $12 \times 4 = (9 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$

8) $9 \times 14 = (9 \times 8) + (9 \times \underline{\quad}) = \underline{\quad}$

9) $6 \times 15 = (6 \times 6) + (6 \times \underline{\quad}) = \underline{\quad}$

10) $7 \times 13 = (7 \times 9) + (7 \times \underline{\quad}) = \underline{\quad}$

Answers

Ex. **136**

1. _____

2. _____

3. _____

4. _____

5. _____

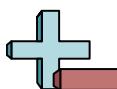
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $17 \times 8 = (8 \times 8) + (\underline{9} \times 8) = \underline{\underline{136}}$

1) $14 \times 4 = (6 \times 4) + (\underline{8} \times 4) = \underline{\underline{56}}$

2) $6 \times 12 = (6 \times 3) + (6 \times \underline{9}) = \underline{\underline{72}}$

3) $4 \times 16 = (4 \times 6) + (4 \times \underline{10}) = \underline{\underline{64}}$

4) $9 \times 14 = (9 \times 6) + (9 \times \underline{8}) = \underline{\underline{126}}$

5) $16 \times 4 = (7 \times 4) + (\underline{9} \times 4) = \underline{\underline{64}}$

6) $9 \times 17 = (9 \times 8) + (9 \times \underline{9}) = \underline{\underline{153}}$

7) $12 \times 4 = (9 \times 4) + (\underline{3} \times 4) = \underline{\underline{48}}$

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

9) $6 \times 15 = (6 \times 6) + (6 \times \underline{9}) = \underline{\underline{90}}$

10) $7 \times 13 = (7 \times 9) + (7 \times \underline{4}) = \underline{\underline{91}}$

Answers

Ex. **136**

56

72

64

126

64

153

48

126

90

91



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

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

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

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

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

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

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

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

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

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

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

Answers

Ex. **45**

1. _____

2. _____

3. _____

4. _____

5. _____

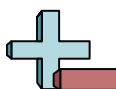
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

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

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

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

3) $7 \times 12 = (7 \times 6) + (7 \times \underline{6}) = \underline{\underline{84}}$

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

5) $4 \times 13 = (4 \times 9) + (4 \times \underline{4}) = \underline{\underline{52}}$

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

7) $5 \times 16 = (5 \times 7) + (5 \times \underline{9}) = \underline{\underline{80}}$

8) $16 \times 9 = (9 \times 9) + (\underline{7} \times 9) = \underline{\underline{144}}$

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

10) $7 \times 12 = (7 \times 7) + (7 \times \underline{5}) = \underline{\underline{84}}$

Answers

Ex. **45**

65

90

84

136

52

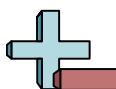
75

80

144

48

84



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $8 \times 15 = (8 \times 8) + (8 \times \underline{7}) = \underline{120}$

1) $17 \times 9 = (8 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$

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

3) $4 \times 12 = (4 \times 6) + (4 \times \underline{\quad}) = \underline{\quad}$

4) $15 \times 9 = (6 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$

5) $4 \times 15 = (4 \times 5) + (4 \times \underline{\quad}) = \underline{\quad}$

6) $17 \times 5 = (7 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$

7) $13 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$

8) $17 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$

9) $7 \times 14 = (7 \times 4) + (7 \times \underline{\quad}) = \underline{\quad}$

10) $9 \times 13 = (9 \times 8) + (9 \times \underline{\quad}) = \underline{\quad}$

Answers

Ex. **120**

1. _____

2. _____

3. _____

4. _____

5. _____

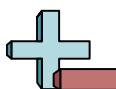
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $8 \times 15 = (8 \times 8) + (8 \times \underline{7}) = \underline{120}$

1) $17 \times 9 = (8 \times 9) + (\underline{72} \times 9) = \underline{153}$

2) $13 \times 8 = (5 \times 8) + (\underline{40} \times 8) = \underline{104}$

3) $4 \times 12 = (4 \times 6) + (4 \times \underline{6}) = \underline{48}$

4) $15 \times 9 = (6 \times 9) + (\underline{54} \times 9) = \underline{135}$

5) $4 \times 15 = (4 \times 5) + (4 \times \underline{10}) = \underline{60}$

6) $17 \times 5 = (7 \times 5) + (\underline{35} \times 5) = \underline{85}$

7) $13 \times 6 = (8 \times 6) + (\underline{48} \times 6) = \underline{78}$

8) $17 \times 6 = (8 \times 6) + (\underline{48} \times 6) = \underline{102}$

9) $7 \times 14 = (7 \times 4) + (7 \times \underline{10}) = \underline{98}$

10) $9 \times 13 = (9 \times 8) + (9 \times \underline{5}) = \underline{117}$

Answers

Ex. **120**

1. **153**

2. **104**

3. **48**

4. **135**

5. **60**

6. **85**

7. **78**

8. **102**

9. **98**

10. **117**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $3 \times 17 = (3 \times 7) + (3 \times \underline{10}) = \underline{51}$

1) $3 \times 12 = (3 \times 2) + (3 \times \underline{\quad}) = \underline{\quad}$

2) $14 \times 9 = (4 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$

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

4) $17 \times 3 = (8 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

5) $4 \times 12 = (4 \times 9) + (4 \times \underline{\quad}) = \underline{\quad}$

6) $9 \times 15 = (9 \times 8) + (9 \times \underline{\quad}) = \underline{\quad}$

7) $14 \times 9 = (7 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$

8) $8 \times 14 = (8 \times 7) + (8 \times \underline{\quad}) = \underline{\quad}$

9) $15 \times 5 = (6 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$

10) $13 \times 3 = (8 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

Answers

Ex. **51**

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) $3 \times 17 = (3 \times 7) + (3 \times \underline{10}) = \underline{\underline{51}}$

1) $3 \times 12 = (3 \times 2) + (3 \times \underline{10}) = \underline{\underline{36}}$

2) $14 \times 9 = (4 \times 9) + (\underline{10} \times 9) = \underline{\underline{126}}$

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

4) $17 \times 3 = (8 \times 3) + (\underline{9} \times 3) = \underline{\underline{51}}$

5) $4 \times 12 = (4 \times 9) + (4 \times \underline{3}) = \underline{\underline{48}}$

6) $9 \times 15 = (9 \times 8) + (9 \times \underline{7}) = \underline{\underline{135}}$

7) $14 \times 9 = (7 \times 9) + (\underline{7} \times 9) = \underline{\underline{126}}$

8) $8 \times 14 = (8 \times 7) + (8 \times \underline{7}) = \underline{\underline{112}}$

9) $15 \times 5 = (6 \times 5) + (\underline{9} \times 5) = \underline{\underline{75}}$

10) $13 \times 3 = (8 \times 3) + (\underline{5} \times 3) = \underline{\underline{39}}$

Answers

Ex. **51**

1. **36**

2. **126**

3. **84**

4. **51**

5. **48**

6. **135**

7. **126**

8. **112**

9. **75**

10. **39**



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. _____

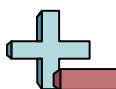
6. _____

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

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

3) $18 \times 6 = (8 \times 6) + (\underline{48} \times 6) = \underline{\underline{108}}$

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

5) $13 \times 6 = (9 \times 6) + (\underline{54} \times 6) = \underline{\underline{78}}$

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

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

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

9) $14 \times 6 = (6 \times 6) + (\underline{36} \times 6) = \underline{\underline{84}}$

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**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $6 \times 15 = (6 \times 6) + (6 \times \underline{9}) = \underline{\underline{90}}$

1) $14 \times 6 = (9 \times 6) + (\underline{\hspace{2cm}} \times 6) = \underline{\hspace{2cm}}$

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

3) $7 \times 18 = (7 \times 8) + (7 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

4) $6 \times 14 = (6 \times 6) + (6 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

5) $17 \times 5 = (7 \times 5) + (\underline{\hspace{2cm}} \times 5) = \underline{\hspace{2cm}}$

6) $14 \times 3 = (4 \times 3) + (\underline{\hspace{2cm}} \times 3) = \underline{\hspace{2cm}}$

7) $8 \times 13 = (8 \times 5) + (8 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

8) $9 \times 13 = (9 \times 8) + (9 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

9) $18 \times 5 = (8 \times 5) + (\underline{\hspace{2cm}} \times 5) = \underline{\hspace{2cm}}$

10) $18 \times 4 = (9 \times 4) + (\underline{\hspace{2cm}} \times 4) = \underline{\hspace{2cm}}$

Answers

Ex. **90**

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) $6 \times 15 = (6 \times 6) + (6 \times \underline{9}) = \underline{\underline{90}}$

1) $14 \times 6 = (9 \times 6) + (\underline{5} \times 6) = \underline{\underline{84}}$

2) $7 \times 17 = (7 \times 7) + (7 \times \underline{10}) = \underline{\underline{119}}$

3) $7 \times 18 = (7 \times 8) + (7 \times \underline{10}) = \underline{\underline{126}}$

4) $6 \times 14 = (6 \times 6) + (6 \times \underline{8}) = \underline{\underline{84}}$

5) $17 \times 5 = (7 \times 5) + (\underline{10} \times 5) = \underline{\underline{85}}$

6) $14 \times 3 = (4 \times 3) + (\underline{10} \times 3) = \underline{\underline{42}}$

7) $8 \times 13 = (8 \times 5) + (8 \times \underline{8}) = \underline{\underline{104}}$

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

9) $18 \times 5 = (8 \times 5) + (\underline{10} \times 5) = \underline{\underline{90}}$

10) $18 \times 4 = (9 \times 4) + (\underline{9} \times 4) = \underline{\underline{72}}$

Answers

Ex. **90**

84

119

126

84

85

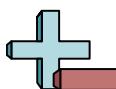
42

104

117

90

72



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**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $17 \times 4 = (8 \times 4) + (\underline{9} \times 4) = \underline{\underline{68}}$

1) $7 \times 17 = (7 \times 9) + (7 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

2) $16 \times 8 = (9 \times 8) + (\underline{\hspace{1cm}} \times 8) = \underline{\hspace{1cm}}$

3) $9 \times 15 = (9 \times 9) + (9 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

4) $4 \times 14 = (4 \times 9) + (4 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

5) $4 \times 14 = (4 \times 6) + (4 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

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

7) $13 \times 3 = (3 \times 3) + (\underline{\hspace{1cm}} \times 3) = \underline{\hspace{1cm}}$

8) $14 \times 8 = (6 \times 8) + (\underline{\hspace{1cm}} \times 8) = \underline{\hspace{1cm}}$

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

10) $5 \times 14 = (5 \times 7) + (5 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

Answers

Ex. **68**

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) $17 \times 4 = (8 \times 4) + (\underline{9} \times 4) = \underline{\underline{68}}$

1) $7 \times 17 = (7 \times 9) + (7 \times \underline{8}) = \underline{\underline{119}}$

2) $16 \times 8 = (9 \times 8) + (\underline{7} \times 8) = \underline{\underline{128}}$

3) $9 \times 15 = (9 \times 9) + (9 \times \underline{6}) = \underline{\underline{135}}$

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

5) $4 \times 14 = (4 \times 6) + (4 \times \underline{8}) = \underline{\underline{56}}$

6) $6 \times 18 = (6 \times 8) + (6 \times \underline{10}) = \underline{\underline{108}}$

7) $13 \times 3 = (3 \times 3) + (\underline{10} \times 3) = \underline{\underline{39}}$

8) $14 \times 8 = (6 \times 8) + (\underline{8} \times 8) = \underline{\underline{112}}$

9) $9 \times 15 = (9 \times 9) + (9 \times \underline{6}) = \underline{\underline{135}}$

10) $5 \times 14 = (5 \times 7) + (5 \times \underline{7}) = \underline{\underline{70}}$

Answers

Ex. **68**

1. **119**

2. **128**

3. **135**

4. **56**

5. **56**

6. **108**

7. **39**

8. **112**

9. **135**

10. **70**