

Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

1) $18 \times 4 = (8 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$

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

3) $7 \times 16 = (7 \times 6) + (7 \times \underline{\quad}) = \underline{\quad}$

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

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

6) $13 \times 4 = (4 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$

7) $6 \times 14 = (6 \times 9) + (6 \times \underline{\quad}) = \underline{\quad}$

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

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

10) $6 \times 13 = (6 \times 8) + (6 \times \underline{\quad}) = \underline{\quad}$

Answers

Ex. **117**

1. _____

2. _____

3. _____

4. _____

5. _____

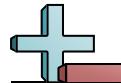
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

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

1) $18 \times 4 = (8 \times 4) + (\underline{10} \times 4) = \underline{72}$

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

3) $7 \times 16 = (7 \times 6) + (7 \times \underline{10}) = \underline{112}$

4) $13 \times 3 = (3 \times 3) + (\underline{10} \times 3) = \underline{39}$

5) $15 \times 9 = (9 \times 9) + (\underline{6} \times 9) = \underline{135}$

6) $13 \times 4 = (4 \times 4) + (\underline{9} \times 4) = \underline{52}$

7) $6 \times 14 = (6 \times 9) + (6 \times \underline{5}) = \underline{84}$

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

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

10) $6 \times 13 = (6 \times 8) + (6 \times \underline{5}) = \underline{78}$

Answers

Ex. **117**

72

128

112

39

135

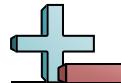
52

84

51

80

78



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

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

2) $6 \times 12 = (6 \times 5) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

3) $12 \times 6 = (7 \times 6) + (\underline{\hspace{1cm}} \times 6) = \underline{\hspace{1cm}}$

4) $8 \times 18 = (8 \times 9) + (8 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

5) $6 \times 12 = (6 \times 4) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

6) $4 \times 16 = (4 \times 9) + (4 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

7) $4 \times 12 = (4 \times 7) + (4 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

8) $12 \times 4 = (5 \times 4) + (\underline{\hspace{1cm}} \times 4) = \underline{\hspace{1cm}}$

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

10) $12 \times 9 = (8 \times 9) + (\underline{\hspace{1cm}} \times 9) = \underline{\hspace{1cm}}$

Answers

Ex. **162**

1. _____

2. _____

3. _____

4. _____

5. _____

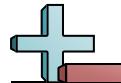
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

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

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

2) $6 \times 12 = (6 \times 5) + (6 \times \underline{7}) = \underline{72}$

3) $12 \times 6 = (7 \times 6) + (\underline{5} \times 6) = \underline{72}$

4) $8 \times 18 = (8 \times 9) + (8 \times \underline{9}) = \underline{144}$

5) $6 \times 12 = (6 \times 4) + (6 \times \underline{8}) = \underline{72}$

6) $4 \times 16 = (4 \times 9) + (4 \times \underline{7}) = \underline{64}$

7) $4 \times 12 = (4 \times 7) + (4 \times \underline{5}) = \underline{48}$

8) $12 \times 4 = (5 \times 4) + (\underline{7} \times 4) = \underline{48}$

9) $14 \times 5 = (8 \times 5) + (\underline{6} \times 5) = \underline{70}$

10) $12 \times 9 = (8 \times 9) + (\underline{4} \times 9) = \underline{108}$

Answers

Ex. **162**

42

72

72

144

72

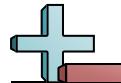
64

48

48

70

108



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

81 + **63**

1) $3 \times 12 = (3 \times 8) + (3 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

+

2) $18 \times 4 = (8 \times 4) + (\underline{\hspace{2cm}} \times 4) = \underline{\hspace{2cm}}$

+

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

+

4) $4 \times 15 = (4 \times 7) + (4 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

+

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

+

6) $7 \times 13 = (7 \times 5) + (7 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

+

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

+

8) $13 \times 3 = (5 \times 3) + (\underline{\hspace{2cm}} \times 3) = \underline{\hspace{2cm}}$

+

9) $6 \times 17 = (6 \times 7) + (6 \times \underline{\hspace{2cm}}) = \underline{\hspace{2cm}}$

+

10) $18 \times 3 = (9 \times 3) + (\underline{\hspace{2cm}} \times 3) = \underline{\hspace{2cm}}$

+

Answers

Ex. **144**

1. _____

2. _____

3. _____

4. _____

5. _____

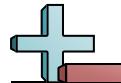
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

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

1) $3 \times 12 = (3 \times 8) + (3 \times \underline{4}) = \underline{\underline{36}}$

2) $18 \times 4 = (8 \times 4) + (\underline{10} \times 4) = \underline{\underline{72}}$

3) $8 \times 18 = (8 \times 8) + (8 \times \underline{10}) = \underline{\underline{144}}$

4) $4 \times 15 = (4 \times 7) + (4 \times \underline{8}) = \underline{\underline{60}}$

5) $6 \times 16 = (6 \times 6) + (6 \times \underline{10}) = \underline{\underline{96}}$

6) $7 \times 13 = (7 \times 5) + (7 \times \underline{8}) = \underline{\underline{91}}$

7) $5 \times 13 = (5 \times 7) + (5 \times \underline{6}) = \underline{\underline{65}}$

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

9) $6 \times 17 = (6 \times 7) + (6 \times \underline{10}) = \underline{\underline{102}}$

10) $18 \times 3 = (9 \times 3) + (\underline{9} \times 3) = \underline{\underline{54}}$

Answers

Ex. **144**

1. **36**

2. **72**

3. **144**

4. **60**

5. **96**

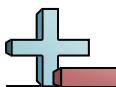
6. **91**

7. **65**

8. **39**

9. **102**

10. **54**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $7 \times 16 = (7 \times 7) + (7 \times \underline{9}) = \underline{112}$

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

2) $13 \times 8 = (4 \times 8) + (\underline{\quad} \times 8) = \underline{\quad}$

3) $13 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$

4) $7 \times 13 = (7 \times 8) + (7 \times \underline{\quad}) = \underline{\quad}$

5) $8 \times 13 = (8 \times 4) + (8 \times \underline{\quad}) = \underline{\quad}$

6) $18 \times 5 = (9 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$

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

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

9) $17 \times 3 = (7 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

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

Answers

Ex. **112**

1. _____

2. _____

3. _____

4. _____

5. _____

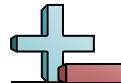
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $7 \times 16 = (7 \times 7) + (7 \times \underline{9}) = \underline{112}$

1) $14 \times 4 = (4 \times 4) + (\underline{10} \times 4) = \underline{56}$

2) $13 \times 8 = (4 \times 8) + (\underline{9} \times 8) = \underline{104}$

3) $13 \times 6 = (8 \times 6) + (\underline{5} \times 6) = \underline{78}$

4) $7 \times 13 = (7 \times 8) + (7 \times \underline{5}) = \underline{91}$

5) $8 \times 13 = (8 \times 4) + (8 \times \underline{9}) = \underline{104}$

6) $18 \times 5 = (9 \times 5) + (\underline{9} \times 5) = \underline{90}$

7) $7 \times 18 = (7 \times 9) + (7 \times \underline{9}) = \underline{126}$

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

9) $17 \times 3 = (7 \times 3) + (\underline{10} \times 3) = \underline{51}$

10) $18 \times 3 = (8 \times 3) + (\underline{10} \times 3) = \underline{54}$

Answers

Ex. **112**

56

104

78

91

104

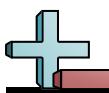
90

126

68

51

54



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

Answers

Ex. 65

1) $16 \times 8 = (9 \times 8) + (\underline{\quad} \times \underline{8}) = \underline{\quad}$

1. _____

2) $16 \times 7 = (7 \times 7) + (\underline{\quad} \times \underline{7}) = \underline{\quad}$

2. _____

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

3. _____

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

4. _____

5) $17 \times 5 = (8 \times 5) + (\underline{\quad} \times \underline{5}) = \underline{\quad}$

5. _____

6) $14 \times 8 = (7 \times 8) + (\underline{\quad} \times \underline{8}) = \underline{\quad}$

6. _____

7) $15 \times 9 = (9 \times 9) + (\underline{\quad} \times \underline{9}) = \underline{\quad}$

7. _____

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

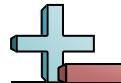
8. _____

9) $17 \times 5 = (7 \times 5) + (\underline{\quad} \times \underline{5}) = \underline{\quad}$

9. _____

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

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

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

1) $16 \times 8 = (9 \times 8) + (\underline{72} \times \underline{8}) = \underline{\underline{128}}$

2) $16 \times 7 = (7 \times 7) + (\underline{49} \times \underline{7}) = \underline{\underline{112}}$

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

4) $6 \times 13 = (6 \times 7) + (\underline{42} \times \underline{6}) = \underline{\underline{78}}$

5) $17 \times 5 = (8 \times 5) + (\underline{40} \times \underline{5}) = \underline{\underline{85}}$

6) $14 \times 8 = (7 \times 8) + (\underline{56} \times \underline{8}) = \underline{\underline{112}}$

7) $15 \times 9 = (9 \times 9) + (\underline{81} \times \underline{9}) = \underline{\underline{135}}$

8) $17 \times 4 = (7 \times 4) + (\underline{28} \times \underline{4}) = \underline{\underline{68}}$

9) $17 \times 5 = (7 \times 5) + (\underline{35} \times \underline{5}) = \underline{\underline{85}}$

10) $5 \times 16 = (5 \times 6) + (\underline{30} \times \underline{10}) = \underline{\underline{80}}$

Answers

Ex. **65**

128

112

54

78

85

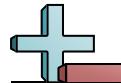
112

135

68

85

80



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

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

2) $12 \times 3 = (5 \times 3) + (\underline{\hspace{1cm}} \times 3) = \underline{\hspace{1cm}}$

3) $6 \times 13 = (6 \times 8) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

4) $6 \times 15 = (6 \times 9) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

5) $6 \times 13 = (6 \times 4) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

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

7) $6 \times 13 = (6 \times 3) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

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

9) $14 \times 7 = (6 \times 7) + (\underline{\hspace{1cm}} \times 7) = \underline{\hspace{1cm}}$

10) $6 \times 18 = (6 \times 9) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

Answers

Ex. 42

1. _____

2. _____

3. _____

4. _____

5. _____

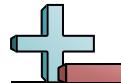
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

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

1) $3 \times 13 = (3 \times 7) + (3 \times \underline{6}) = \underline{39}$

2) $12 \times 3 = (5 \times 3) + (\underline{7} \times 3) = \underline{36}$

3) $6 \times 13 = (6 \times 8) + (6 \times \underline{5}) = \underline{78}$

4) $6 \times 15 = (6 \times 9) + (6 \times \underline{6}) = \underline{90}$

5) $6 \times 13 = (6 \times 4) + (6 \times \underline{9}) = \underline{78}$

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

7) $6 \times 13 = (6 \times 3) + (6 \times \underline{10}) = \underline{78}$

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

9) $14 \times 7 = (6 \times 7) + (\underline{8} \times 7) = \underline{98}$

10) $6 \times 18 = (6 \times 9) + (6 \times \underline{9}) = \underline{108}$

Answers

Ex. **42**

1. **39**

2. **36**

3. **78**

4. **90**

5. **78**

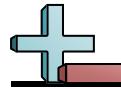
6. **96**

7. **78**

8. **112**

9. **98**

10. **108**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $6 \times 12 = (6 \times 2) + (6 \times \underline{10}) = \underline{72}$

1) $4 \times 17 = (4 \times 9) + (4 \times \underline{\quad}) = \underline{\quad}$

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

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

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

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

6) $7 \times 14 = (7 \times 8) + (7 \times \underline{\quad}) = \underline{\quad}$

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

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

9) $16 \times 3 = (8 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$

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

Answers

Ex. 72

1. _____

2. _____

3. _____

4. _____

5. _____

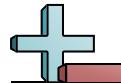
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $6 \times 12 = (6 \times 2) + (6 \times \underline{10}) = \underline{72}$

1) $4 \times 17 = (4 \times 9) + (4 \times \underline{8}) = \underline{68}$

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

3) $7 \times 13 = (7 \times 3) + (7 \times \underline{10}) = \underline{91}$

4) $17 \times 8 = (8 \times 8) + (\underline{9} \times 8) = \underline{136}$

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

6) $7 \times 14 = (7 \times 8) + (7 \times \underline{6}) = \underline{98}$

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

8) $16 \times 7 = (9 \times 7) + (\underline{7} \times 7) = \underline{112}$

9) $16 \times 3 = (8 \times 3) + (\underline{8} \times 3) = \underline{48}$

10) $3 \times 15 = (3 \times 5) + (3 \times \underline{10}) = \underline{45}$

Answers

Ex. **72**

1. **68**

2. **78**

3. **91**

4. **136**

5. **75**

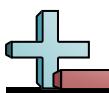
6. **98**

7. **84**

8. **112**

9. **48**

10. **45**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $14 \times 5 = (9 \times 5) + (\underline{45} \times 5) = \underline{70}$

1) $4 \times 13 = (4 \times 7) + (4 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

2) $7 \times 12 = (7 \times 6) + (7 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

3) $16 \times 8 = (9 \times 8) + (\underline{\hspace{1cm}} \times 8) = \underline{\hspace{1cm}}$

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

5) $6 \times 13 = (6 \times 7) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

6) $12 \times 7 = (8 \times 7) + (\underline{\hspace{1cm}} \times 7) = \underline{\hspace{1cm}}$

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

8) $5 \times 17 = (5 \times 9) + (5 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

9) $8 \times 16 = (8 \times 7) + (8 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

10) $5 \times 13 = (5 \times 6) + (5 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

Answers

Ex. 70

1. _____

2. _____

3. _____

4. _____

5. _____

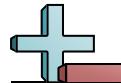
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $14 \times 5 = (9 \times 5) + (\underline{45} \times \underline{5}) = \underline{\underline{70}}$

1) $4 \times 13 = (4 \times 7) + (\underline{28} \times \underline{6}) = \underline{\underline{52}}$

2) $7 \times 12 = (7 \times 6) + (\underline{42} \times \underline{6}) = \underline{\underline{84}}$

3) $16 \times 8 = (9 \times 8) + (\underline{72} \times \underline{8}) = \underline{\underline{128}}$

4) $14 \times 6 = (5 \times 6) + (\underline{30} \times \underline{6}) = \underline{\underline{84}}$

5) $6 \times 13 = (6 \times 7) + (\underline{42} \times \underline{6}) = \underline{\underline{78}}$

6) $12 \times 7 = (8 \times 7) + (\underline{56} \times \underline{7}) = \underline{\underline{84}}$

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

8) $5 \times 17 = (5 \times 9) + (\underline{45} \times \underline{8}) = \underline{\underline{85}}$

9) $8 \times 16 = (8 \times 7) + (\underline{56} \times \underline{9}) = \underline{\underline{128}}$

10) $5 \times 13 = (5 \times 6) + (\underline{30} \times \underline{7}) = \underline{\underline{65}}$

Answers

Ex. **70**

1. **52**

2. **84**

3. **128**

4. **84**

5. **78**

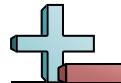
6. **84**

7. **42**

8. **85**

9. **128**

10. **65**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

Ex) $13 \times 6 = (9 \times 6) + (\underline{4} \times 6) = \underline{78}$

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

2) $16 \times 4 = (9 \times 4) + (\underline{\hspace{1cm}} \times 4) = \underline{\hspace{1cm}}$

3) $15 \times 8 = (7 \times 8) + (\underline{\hspace{1cm}} \times 8) = \underline{\hspace{1cm}}$

4) $13 \times 3 = (5 \times 3) + (\underline{\hspace{1cm}} \times 3) = \underline{\hspace{1cm}}$

5) $12 \times 7 = (9 \times 7) + (\underline{\hspace{1cm}} \times 7) = \underline{\hspace{1cm}}$

6) $5 \times 16 = (5 \times 6) + (5 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

7) $17 \times 3 = (8 \times 3) + (\underline{\hspace{1cm}} \times 3) = \underline{\hspace{1cm}}$

8) $18 \times 6 = (9 \times 6) + (\underline{\hspace{1cm}} \times 6) = \underline{\hspace{1cm}}$

9) $13 \times 7 = (8 \times 7) + (\underline{\hspace{1cm}} \times 7) = \underline{\hspace{1cm}}$

10) $4 \times 15 = (4 \times 6) + (4 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

Answers

Ex. **78**

1. _____

2. _____

3. _____

4. _____

5. _____

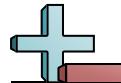
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $13 \times 6 = (9 \times 6) + (\underline{4} \times 6) = \underline{78}$

1) $5 \times 14 = (5 \times 9) + (5 \times \underline{5}) = \underline{70}$

2) $16 \times 4 = (9 \times 4) + (\underline{7} \times 4) = \underline{64}$

3) $15 \times 8 = (7 \times 8) + (\underline{8} \times 8) = \underline{120}$

4) $13 \times 3 = (5 \times 3) + (\underline{8} \times 3) = \underline{39}$

5) $12 \times 7 = (9 \times 7) + (\underline{3} \times 7) = \underline{84}$

6) $5 \times 16 = (5 \times 6) + (5 \times \underline{10}) = \underline{80}$

7) $17 \times 3 = (8 \times 3) + (\underline{9} \times 3) = \underline{51}$

8) $18 \times 6 = (9 \times 6) + (\underline{9} \times 6) = \underline{108}$

9) $13 \times 7 = (8 \times 7) + (\underline{5} \times 7) = \underline{91}$

10) $4 \times 15 = (4 \times 6) + (4 \times \underline{9}) = \underline{60}$

Answers

Ex. **78**

1. **70**

2. **64**

3. **120**

4. **39**

5. **84**

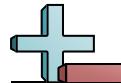
6. **80**

7. **51**

8. **108**

9. **91**

10. **60**



Using Distributive Property

Name: _____

Use the distributive property to solve each problem.

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

1) $6 \times 13 = (6 \times 3) + (6 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

2) $5 \times 16 = (5 \times 8) + (5 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

3) $12 \times 6 = (5 \times 6) + (\underline{\hspace{1cm}} \times 6) = \underline{\hspace{1cm}}$

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

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

6) $8 \times 15 = (8 \times 7) + (8 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

7) $17 \times 5 = (8 \times 5) + (\underline{\hspace{1cm}} \times 5) = \underline{\hspace{1cm}}$

8) $14 \times 3 = (7 \times 3) + (\underline{\hspace{1cm}} \times 3) = \underline{\hspace{1cm}}$

9) $9 \times 16 = (9 \times 6) + (9 \times \underline{\hspace{1cm}}) = \underline{\hspace{1cm}}$

10) $13 \times 9 = (7 \times 9) + (\underline{\hspace{1cm}} \times 9) = \underline{\hspace{1cm}}$

Answers

Ex. 64

1. _____

2. _____

3. _____

4. _____

5. _____

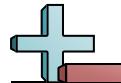
6. _____

7. _____

8. _____

9. _____

10. _____



Using Distributive Property

Name: **Answer Key**

Use the distributive property to solve each problem.

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

1) $6 \times 13 = (6 \times 3) + (6 \times \underline{10}) = \underline{\underline{78}}$

2) $5 \times 16 = (5 \times 8) + (5 \times \underline{8}) = \underline{\underline{80}}$

3) $12 \times 6 = (5 \times 6) + (\underline{7} \times 6) = \underline{\underline{72}}$

4) $4 \times 13 = (4 \times 5) + (4 \times \underline{8}) = \underline{\underline{52}}$

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

6) $8 \times 15 = (8 \times 7) + (8 \times \underline{8}) = \underline{\underline{120}}$

7) $17 \times 5 = (8 \times 5) + (\underline{9} \times 5) = \underline{\underline{85}}$

8) $14 \times 3 = (7 \times 3) + (\underline{7} \times 3) = \underline{\underline{42}}$

9) $9 \times 16 = (9 \times 6) + (9 \times \underline{10}) = \underline{\underline{144}}$

10) $13 \times 9 = (7 \times 9) + (\underline{6} \times 9) = \underline{\underline{117}}$

Answers

Ex. **64**

78

80

72

52

56

120

85

42

144

117