Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $9 \times 18 = (9 \times 8) + (9 \times \underline{10}) = \underline{162}$
$72 + 90$

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. _____

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $9 \times 18 = (9 \times 8) + (9 \times 10) = 72 + 90 = 162$

1) $13 \times 5 = (8 \times 5) + (5 \times 5) = 40 + 25 = 65$

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

3) $17 \times 9 = (8 \times 9) + (9 \times 9) = 72 + 81 = 153$

4) $16 \times 3 = (9 \times 3) + (7 \times 3) = 27 + 21 = 48$

5) $5 \times 14 = (5 \times 8) + (5 \times 6) = 40 + 30 = 70$

6) $9 \times 17 = (9 \times 7) + (9 \times 10) = 63 + 90 = 153$

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

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

9) $13 \times 5 = (8 \times 5) + (5 \times 5) = 40 + 25 = 65$

10) $6 \times 14 = (6 \times 4) + (6 \times 10) = 24 + 60 = 84$

Answers

Ex. 162
1. 65
2. 42
3. 153
4. 48
5. 70
6. 153
7. 72
8. 54
9. 65
10. 84

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $9 \times 15 = (9 \times 6) + (9 \times \underline{9}) = \underline{135}$
$54 + 81$

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. _____

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $9 \times 15 = (9 \times 6) + (9 \times \underline{9}) = 54 + 81 = \underline{135}$

1) $14 \times 3 = (7 \times 3) + (\underline{7} \times 3) = 21 + 21 = \underline{42}$

2) $17 \times 3 = (9 \times 3) + (\underline{8} \times 3) = 27 + 24 = \underline{51}$

3) $5 \times 17 = (5 \times 9) + (5 \times \underline{8}) = 45 + 40 = \underline{85}$

4) $5 \times 14 = (5 \times 4) + (5 \times \underline{10}) = 20 + 50 = \underline{70}$

5) $7 \times 15 = (7 \times 7) + (7 \times \underline{8}) = 49 + 56 = \underline{105}$

6) $4 \times 16 = (4 \times 8) + (4 \times \underline{8}) = 32 + 32 = \underline{64}$

7) $16 \times 7 = (8 \times 7) + (\underline{8} \times 7) = 56 + 56 = \underline{112}$

8) $16 \times 8 = (8 \times 8) + (\underline{8} \times 8) = 64 + 64 = \underline{128}$

9) $6 \times 12 = (6 \times 4) + (6 \times \underline{8}) = 24 + 48 = \underline{72}$

10) $3 \times 16 = (3 \times 9) + (3 \times \underline{7}) = 27 + 21 = \underline{48}$

Answers

Ex. 135

1. 42
2. 51
3. 85
4. 70
5. 105
6. 64
7. 112
8. 128
9. 72
10. 48

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $17 \times 8 = (8 \times 8) + (\underline{9} \times 8) = 136$
$64 + 72$

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

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

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

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

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

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

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

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

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

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

Answers

Ex. 136

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Use the distributive property to solve each problem.

Ex) $17 \times 8 = (8 \times 8) + (\underline{9} \times 8) = 64 + 72 = 136$

1) $14 \times 4 = (6 \times 4) + (\underline{8} \times 4) = 24 + 32 = 56$

2) $6 \times 12 = (6 \times 3) + (6 \times \underline{9}) = 18 + 54 = 72$

3) $4 \times 16 = (4 \times 6) + (4 \times \underline{10}) = 24 + 40 = 64$

4) $9 \times 14 = (9 \times 6) + (9 \times \underline{8}) = 54 + 72 = 126$

5) $16 \times 4 = (7 \times 4) + (\underline{9} \times 4) = 28 + 36 = 64$

6) $9 \times 17 = (9 \times 8) + (9 \times \underline{9}) = 72 + 81 = 153$

7) $12 \times 4 = (9 \times 4) + (\underline{3} \times 4) = 36 + 12 = 48$

8) $9 \times 14 = (9 \times 8) + (9 \times \underline{6}) = 72 + 54 = 126$

9) $6 \times 15 = (6 \times 6) + (6 \times \underline{9}) = 36 + 54 = 90$

10) $7 \times 13 = (7 \times 9) + (7 \times \underline{4}) = 63 + 28 = 91$

Answers

Ex. 136
1. 56
2. 72
3. 64
4. 126
5. 64
6. 153
7. 48
8. 126
9. 90
10. 91

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $15 \times 3 = (9 \times 3) + (\underline{6} \times 3) = 27 + 18 = 45$

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

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

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

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

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

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

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

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

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

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

Answers

Ex. 45

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Use the distributive property to solve each problem.

Ex) $15 \times 3 = (9 \times 3) + (6 \times 3) = 27 + 18 = 45$

1) $13 \times 5 = (4 \times 5) + (9 \times 5) = 20 + 45 = 65$

2) $5 \times 18 = (5 \times 8) + (5 \times 10) = 40 + 50 = 90$

3) $7 \times 12 = (7 \times 6) + (7 \times 6) = 42 + 42 = 84$

4) $8 \times 17 = (8 \times 7) + (8 \times 10) = 56 + 80 = 136$

5) $4 \times 13 = (4 \times 9) + (4 \times 4) = 36 + 16 = 52$

6) $5 \times 15 = (5 \times 8) + (5 \times 7) = 40 + 35 = 75$

7) $5 \times 16 = (5 \times 7) + (5 \times 9) = 35 + 45 = 80$

8) $16 \times 9 = (9 \times 9) + (7 \times 9) = 81 + 63 = 144$

9) $16 \times 3 = (6 \times 3) + (10 \times 3) = 18 + 30 = 48$

10) $7 \times 12 = (7 \times 7) + (7 \times 5) = 49 + 35 = 84$

Answers

Ex. 45
1. 65
2. 90
3. 84
4. 136
5. 52
6. 75
7. 80
8. 144
9. 48
10. 84

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $8 \times 15 = (8 \times 8) + (8 \times \underline{7}) = \underline{120}$
$64 + 56$

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. _____

1-10	90	80	70	60	50	40	30	20	10	0

Use the distributive property to solve each problem.

Ex) $8 \times 15 = (8 \times 8) + (8 \times 7) = 64 + 56 = 120$

1) $17 \times 9 = (8 \times 9) + (9 \times 9) = 72 + 81 = 153$

2) $13 \times 8 = (5 \times 8) + (8 \times 8) = 40 + 64 = 104$

3) $4 \times 12 = (4 \times 6) + (4 \times 6) = 24 + 24 = 48$

4) $15 \times 9 = (6 \times 9) + (9 \times 9) = 54 + 81 = 135$

5) $4 \times 15 = (4 \times 5) + (4 \times 10) = 20 + 40 = 60$

6) $17 \times 5 = (7 \times 5) + (10 \times 5) = 35 + 50 = 85$

7) $13 \times 6 = (8 \times 6) + (5 \times 6) = 48 + 30 = 78$

8) $17 \times 6 = (8 \times 6) + (9 \times 6) = 48 + 54 = 102$

9) $7 \times 14 = (7 \times 4) + (7 \times 10) = 28 + 70 = 98$

10) $9 \times 13 = (9 \times 8) + (9 \times 5) = 72 + 45 = 117$

Answers

Ex. 120
1. 153
2. 104
3. 48
4. 135
5. 60
6. 85
7. 78
8. 102
9. 98
10. 117

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $3 \times 17 = (3 \times 7) + (3 \times \underline{10}) = \underline{51}$
$21 + 30$

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. _____

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $3 \times 17 = (3 \times 7) + (3 \times \underline{10}) = 21 + 30 = \underline{51}$

1) $3 \times 12 = (3 \times 2) + (3 \times \underline{10}) = 6 + 30 = \underline{36}$

2) $14 \times 9 = (4 \times 9) + (\underline{10} \times 9) = 36 + 90 = \underline{126}$

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

4) $17 \times 3 = (8 \times 3) + (\underline{9} \times 3) = 24 + 27 = \underline{51}$

5) $4 \times 12 = (4 \times 9) + (4 \times \underline{3}) = 36 + 12 = \underline{48}$

6) $9 \times 15 = (9 \times 8) + (9 \times \underline{7}) = 72 + 63 = \underline{135}$

7) $14 \times 9 = (7 \times 9) + (\underline{7} \times 9) = 63 + 63 = \underline{126}$

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

9) $15 \times 5 = (6 \times 5) + (\underline{9} \times 5) = 30 + 45 = \underline{75}$

10) $13 \times 3 = (8 \times 3) + (\underline{5} \times 3) = 24 + 15 = \underline{39}$

Answers

Ex. 51

1. 36
2. 126
3. 84
4. 51
5. 48
6. 135
7. 126
8. 112
9. 75
10. 39

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $14 \times 4 = (5 \times 4) + (\ 9\ \times 4\ ) = 20 + 36 = 56$

1) $6 \times 18 = (6 \times 9) + (\ 6\ \times ___\ ) = _____$

2) $3 \times 16 = (3 \times 6) + (\ 3\ \times ___\ ) = _____$

3) $18 \times 6 = (8 \times 6) + (\ ___\ \times 6\ ) = _____$

4) $14 \times 4 = (7 \times 4) + (\ ___\ \times 4\ ) = _____$

5) $13 \times 6 = (9 \times 6) + (\ ___\ \times 6\ ) = _____$

6) $9 \times 18 = (9 \times 9) + (\ 9\ \times ___\ ) = _____$

7) $7 \times 15 = (7 \times 7) + (\ 7\ \times ___\ ) = _____$

8) $5 \times 12 = (5 \times 7) + (\ 5\ \times ___\ ) = _____$

9) $14 \times 6 = (6 \times 6) + (\ ___\ \times 6\ ) = _____$

10) $6 \times 17 = (6 \times 9) + (\ 6\ \times ___\ ) = _____$

Answers

Ex. 56

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Use the distributive property to solve each problem.

Ex) $14 \times 4 = (5 \times 4) + (9 \times 4) = 20 + 36 = 56$

1) $6 \times 18 = (6 \times 9) + (6 \times 9) = 54 + 54 = 108$

2) $3 \times 16 = (3 \times 6) + (3 \times 10) = 18 + 30 = 48$

3) $18 \times 6 = (8 \times 6) + (10 \times 6) = 48 + 60 = 108$

4) $14 \times 4 = (7 \times 4) + (7 \times 4) = 28 + 28 = 56$

5) $13 \times 6 = (9 \times 6) + (4 \times 6) = 54 + 24 = 78$

6) $9 \times 18 = (9 \times 9) + (9 \times 9) = 81 + 81 = 162$

7) $7 \times 15 = (7 \times 7) + (7 \times 8) = 49 + 56 = 105$

8) $5 \times 12 = (5 \times 7) + (5 \times 5) = 35 + 25 = 60$

9) $14 \times 6 = (6 \times 6) + (8 \times 6) = 36 + 48 = 84$

10) $6 \times 17 = (6 \times 9) + (6 \times 8) = 54 + 48 = 102$

Answers

Ex. 56
1. 108
2. 48
3. 108
4. 56
5. 78
6. 162
7. 105
8. 60
9. 84
10. 102

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $6 \times 15 = (6 \times 6) + (6 \times \underline{9}) = 36 + 54 = \underline{90}$

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

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

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

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

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

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

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

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

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

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

Answers

Ex. 90

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $6 \times 15 = (6 \times 6) + (6 \times 9) = 36 + 54 = 90$

1) $14 \times 6 = (9 \times 6) + (5 \times 6) = 54 + 30 = 84$

2) $7 \times 17 = (7 \times 7) + (7 \times 10) = 49 + 70 = 119$

3) $7 \times 18 = (7 \times 8) + (7 \times 10) = 56 + 70 = 126$

4) $6 \times 14 = (6 \times 6) + (6 \times 8) = 36 + 48 = 84$

5) $17 \times 5 = (7 \times 5) + (10 \times 5) = 35 + 50 = 85$

6) $14 \times 3 = (4 \times 3) + (10 \times 3) = 12 + 30 = 42$

7) $8 \times 13 = (8 \times 5) + (8 \times 8) = 40 + 64 = 104$

8) $9 \times 13 = (9 \times 8) + (9 \times 5) = 72 + 45 = 117$

9) $18 \times 5 = (8 \times 5) + (10 \times 5) = 40 + 50 = 90$

10) $18 \times 4 = (9 \times 4) + (9 \times 4) = 36 + 36 = 72$

Answers

Ex. 90
1. 84
2. 119
3. 126
4. 84
5. 85
6. 42
7. 104
8. 117
9. 90
10. 72

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $4 \times 14 = (4 \times 9) + (4 \times \underline{5}) = \underline{56}$
$36 + 20$

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

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

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

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

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

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

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

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

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

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

Answers

Ex. 56

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $4 \times 14 = (4 \times 9) + (4 \times 5) = 36 + 20 = 56$

1) $13 \times 9 = (4 \times 9) + (9 \times 9) = 36 + 81 = 117$

2) $6 \times 13 = (6 \times 8) + (6 \times 5) = 48 + 30 = 78$

3) $7 \times 15 = (7 \times 5) + (7 \times 10) = 35 + 70 = 105$

4) $13 \times 4 = (3 \times 4) + (10 \times 4) = 12 + 40 = 52$

5) $7 \times 16 = (7 \times 6) + (7 \times 10) = 42 + 70 = 112$

6) $13 \times 5 = (6 \times 5) + (7 \times 5) = 30 + 35 = 65$

7) $16 \times 7 = (6 \times 7) + (10 \times 7) = 42 + 70 = 112$

8) $18 \times 5 = (8 \times 5) + (10 \times 5) = 40 + 50 = 90$

9) $14 \times 9 = (6 \times 9) + (8 \times 9) = 54 + 72 = 126$

10) $9 \times 12 = (9 \times 9) + (9 \times 3) = 81 + 27 = 108$

Answers

Ex. 56
1. 117
2. 78
3. 105
4. 52
5. 112
6. 65
7. 112
8. 90
9. 126
10. 108

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name:

Use the distributive property to solve each problem.

Ex) $17 \times 4 = (8 \times 4) + (\underline{9} \times 4) = 32 + 36 = 68$

1) $7 \times 17 = (7 \times 9) + (7 \times ____) = ____$ +

2) $16 \times 8 = (9 \times 8) + (____ \times 8) = ____$ +

3) $9 \times 15 = (9 \times 9) + (9 \times ____) = ____$ +

4) $4 \times 14 = (4 \times 9) + (4 \times ____) = ____$ +

5) $4 \times 14 = (4 \times 6) + (4 \times ____) = ____$ +

6) $6 \times 18 = (6 \times 8) + (6 \times ____) = ____$ +

7) $13 \times 3 = (3 \times 3) + (____ \times 3) = ____$ +

8) $14 \times 8 = (6 \times 8) + (____ \times 8) = ____$ +

9) $9 \times 15 = (9 \times 9) + (9 \times ____) = ____$ +

10) $5 \times 14 = (5 \times 7) + (5 \times ____) = ____$ +

Answers

Ex. 68

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Using Distributive Property Name: **Answer Key**

Use the distributive property to solve each problem.

Ex) $17 \times 4 = (8 \times 4) + (9 \times 4) = 32 + 36 = 68$

1) $7 \times 17 = (7 \times 9) + (7 \times 8) = 63 + 56 = 119$

2) $16 \times 8 = (9 \times 8) + (7 \times 8) = 72 + 56 = 128$

3) $9 \times 15 = (9 \times 9) + (9 \times 6) = 81 + 54 = 135$

4) $4 \times 14 = (4 \times 9) + (4 \times 5) = 36 + 20 = 56$

5) $4 \times 14 = (4 \times 6) + (4 \times 8) = 24 + 32 = 56$

6) $6 \times 18 = (6 \times 8) + (6 \times 10) = 48 + 60 = 108$

7) $13 \times 3 = (3 \times 3) + (10 \times 3) = 9 + 30 = 39$

8) $14 \times 8 = (6 \times 8) + (8 \times 8) = 48 + 64 = 112$

9) $9 \times 15 = (9 \times 9) + (9 \times 6) = 81 + 54 = 135$

10) $5 \times 14 = (5 \times 7) + (5 \times 7) = 35 + 35 = 70$

Answers

Ex. 68
1. 119
2. 128
3. 135
4. 56
5. 56
6. 108
7. 39
8. 112
9. 135
10. 70

1-10	90	80	70	60	50	40	30	20	10	0