



Use the distributive property to solve each problem.

Answers

$$\text{Ex) } 8 \times 16 = (8 \times 6) + (8 \times \underline{10}) = \underline{128}$$

$$\quad \quad \quad 48 \quad + \quad 80$$

Ex. _____

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

$$\quad \quad \quad +$$

1. _____

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

$$\quad \quad \quad +$$

2. _____

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

$$\quad \quad \quad +$$

3. _____

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

$$\quad \quad \quad +$$

4. _____

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

$$\quad \quad \quad +$$

5. _____

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

$$\quad \quad \quad +$$

6. _____

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

$$\quad \quad \quad +$$

7. _____

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

$$\quad \quad \quad +$$

8. _____

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

$$\quad \quad \quad +$$

9. _____

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

$$\quad \quad \quad +$$

10. _____



Use the distributive property to solve each problem.

$$\text{Ex) } 8 \times 16 = (8 \times 6) + (8 \times \underline{10}) = \underline{128}$$

48 + 80

$$1) \quad 9 \times 15 = (9 \times 9) + (9 \times \underline{6}) = \underline{135}$$

81 + 54

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

54 + 18

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

54 + 81

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

27 + 9

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

56 + 35

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

35 + 40

$$7) \quad 8 \times 17 = (8 \times 9) + (8 \times \underline{8}) = \underline{136}$$

72 + 64

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

81 + 72

$$9) \quad 4 \times 16 = (4 \times 6) + (4 \times \underline{10}) = \underline{64}$$

24 + 40

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

56 + 70

AnswersEx. 1281. 1352. 723. 1354. 365. 916. 757. 1368. 1539. 6410. 126



Use the distributive property to solve each problem.

Answers

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

$$\quad \quad \quad 12 \quad + \quad 36$$

Ex. _____

$$1) \quad 15 \times 8 = (7 \times 8) + (\underline{\quad} \times 8) = \underline{\quad}$$

$$\quad \quad \quad +$$

1. _____

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

$$\quad \quad \quad +$$

2. _____

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

$$\quad \quad \quad +$$

3. _____

$$4) \quad 15 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$$\quad \quad \quad +$$

4. _____

$$5) \quad 3 \times 14 = (3 \times 4) + (3 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

5. _____

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

$$\quad \quad \quad +$$

6. _____

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

$$\quad \quad \quad +$$

7. _____

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

$$\quad \quad \quad +$$

8. _____

$$9) \quad 12 \times 6 = (5 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$$\quad \quad \quad +$$

9. _____

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

$$\quad \quad \quad +$$

10. _____



Use the distributive property to solve each problem.

$$\text{Ex) } 12 \times 4 = (3 \times 4) + \left(\frac{9}{36} \times 4 \right) = \underline{48}$$

$$1) 15 \times 8 = (7 \times 8) + \left(\frac{8}{64} \times 8 \right) = \underline{120}$$

$$2) 16 \times 5 = (6 \times 5) + \left(\frac{10}{50} \times 5 \right) = \underline{80}$$

$$3) 12 \times 6 = (6 \times 6) + \left(\frac{6}{36} \times 6 \right) = \underline{72}$$

$$4) 15 \times 6 = (8 \times 6) + \left(\frac{7}{42} \times 6 \right) = \underline{90}$$

$$5) 3 \times 14 = (3 \times 4) + \left(3 \times \frac{10}{30} \right) = \underline{42}$$

$$6) 5 \times 14 = (5 \times 7) + \left(5 \times \frac{7}{35} \right) = \underline{70}$$

$$7) 12 \times 3 = (7 \times 3) + \left(\frac{5}{15} \times 3 \right) = \underline{36}$$

$$8) 7 \times 13 = (7 \times 6) + \left(7 \times \frac{7}{49} \right) = \underline{91}$$

$$9) 12 \times 6 = (5 \times 6) + \left(\frac{7}{42} \times 6 \right) = \underline{72}$$

$$10) 3 \times 15 = (3 \times 7) + \left(3 \times \frac{8}{24} \right) = \underline{45}$$

AnswersEx. 481. 1202. 803. 724. 905. 426. 707. 368. 919. 7210. 45



Use the distributive property to solve each problem.

$$\text{Ex) } 13 \times 8 = (3 \times 8) + (\underline{10} \times 8) = \underline{104}$$

$$\qquad \qquad \qquad 24 \quad + \quad 80$$

$$1) \quad 4 \times 12 = (4 \times 2) + (4 \times \underline{\quad}) = \underline{\quad}$$

$$\qquad \qquad \qquad +$$

$$2) \quad 5 \times 12 = (5 \times 9) + (5 \times \underline{\quad}) = \underline{\quad}$$

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

$$6) \quad 3 \times 17 = (3 \times 8) + (3 \times \underline{\quad}) = \underline{\quad}$$

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

$$10) \quad 17 \times 8 = (9 \times 8) + (\underline{\quad} \times 8) = \underline{\quad}$$

$$\qquad \qquad \qquad +$$

Answers

Ex. _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Use the distributive property to solve each problem.

$$\text{Ex) } 13 \times 8 = (3 \times 8) + \left(\frac{10}{24} \times 8 \right) = \underline{104}$$

$$1) 4 \times 12 = (4 \times 2) + \left(4 \times \frac{10}{40} \right) = \underline{48}$$

$$2) 5 \times 12 = (5 \times 9) + \left(5 \times \frac{3}{15} \right) = \underline{60}$$

$$3) 3 \times 17 = (3 \times 8) + \left(3 \times \frac{9}{27} \right) = \underline{51}$$

$$4) 16 \times 4 = (7 \times 4) + \left(\frac{9}{28} \times 4 \right) = \underline{64}$$

$$5) 13 \times 7 = (4 \times 7) + \left(\frac{9}{28} \times 7 \right) = \underline{91}$$

$$6) 3 \times 17 = (3 \times 8) + \left(3 \times \frac{9}{27} \right) = \underline{51}$$

$$7) 6 \times 12 = (6 \times 7) + \left(6 \times \frac{5}{30} \right) = \underline{72}$$

$$8) 14 \times 7 = (7 \times 7) + \left(\frac{7}{49} \times 7 \right) = \underline{98}$$

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

$$10) 17 \times 8 = (9 \times 8) + \left(\frac{8}{72} \times 8 \right) = \underline{136}$$

AnswersEx. 1041. 482. 603. 514. 645. 916. 517. 728. 989. 7210. 136



Use the distributive property to solve each problem.

Answers

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

$$\quad \quad \quad 64 \quad + \quad 80$$

Ex. _____

$$1) \quad 15 \times 8 = (7 \times 8) + (\underline{\quad} \times 8) = \underline{\quad}$$

$$\quad \quad \quad +$$

1. _____

$$2) \quad 14 \times 6 = (7 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$$\quad \quad \quad +$$

2. _____

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

$$\quad \quad \quad +$$

3. _____

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

$$\quad \quad \quad +$$

4. _____

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

$$\quad \quad \quad +$$

5. _____

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

$$\quad \quad \quad +$$

6. _____

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

$$\quad \quad \quad +$$

7. _____

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

$$\quad \quad \quad +$$

8. _____

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

$$\quad \quad \quad +$$

9. _____

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

$$\quad \quad \quad +$$

10. _____



Use the distributive property to solve each problem.

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

$$\quad \quad \quad 64 \quad + \quad \quad 80$$

$$1) \quad 15 \times 8 = (7 \times 8) + (\underline{8} \times 8) = \underline{120}$$

$$\quad \quad \quad 56 \quad + \quad \quad 64$$

$$2) \quad 14 \times 6 = (7 \times 6) + (\underline{7} \times 6) = \underline{84}$$

$$\quad \quad \quad 42 \quad + \quad \quad 42$$

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

$$\quad \quad \quad 64 \quad + \quad \quad 56$$

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

$$\quad \quad \quad 24 \quad + \quad \quad 15$$

$$5) \quad 17 \times 9 = (9 \times 9) + (\underline{8} \times 9) = \underline{153}$$

$$\quad \quad \quad 81 \quad + \quad \quad 72$$

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

$$\quad \quad \quad 63 \quad + \quad \quad 72$$

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

$$\quad \quad \quad 54 \quad + \quad \quad 63$$

$$8) \quad 4 \times 16 = (4 \times 6) + (4 \times \underline{10}) = \underline{64}$$

$$\quad \quad \quad 24 \quad + \quad \quad 40$$

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

$$\quad \quad \quad 54 \quad + \quad \quad 36$$

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

$$\quad \quad \quad 36 \quad + \quad \quad 24$$

AnswersEx. 1441. 1202. 843. 1204. 395. 1536. 1357. 1178. 649. 9010. 60



Use the distributive property to solve each problem.

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

$$\quad \quad \quad 56 \quad + \quad \quad 70$$

$$1) \quad 16 \times 7 = (7 \times 7) + (\underline{\quad} \times 7) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$2) \quad 5 \times 16 = (5 \times 9) + (5 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

$$4) \quad 18 \times 7 = (8 \times 7) + (\underline{\quad} \times 7) = \underline{\quad}$$

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

$$8) \quad 12 \times 6 = (3 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

$$10) \quad 14 \times 6 = (8 \times 6) + (\underline{\quad} \times 6) = \underline{\quad}$$

$$\quad \quad \quad +$$

Answers

Ex. _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Use the distributive property to solve each problem.

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

$$\quad \quad \quad 56 \quad + \quad \quad 70$$

$$1) \quad 16 \times 7 = (7 \times 7) + (\underline{9} \times 7) = \underline{112}$$

$$\quad \quad \quad 49 \quad + \quad \quad 63$$

$$2) \quad 5 \times 16 = (5 \times 9) + (5 \times \underline{7}) = \underline{80}$$

$$\quad \quad \quad 45 \quad + \quad \quad 35$$

$$3) \quad 18 \times 6 = (8 \times 6) + (\underline{10} \times 6) = \underline{108}$$

$$\quad \quad \quad 48 \quad + \quad \quad 60$$

$$4) \quad 18 \times 7 = (8 \times 7) + (\underline{10} \times 7) = \underline{126}$$

$$\quad \quad \quad 56 \quad + \quad \quad 70$$

$$5) \quad 6 \times 16 = (6 \times 7) + (6 \times \underline{9}) = \underline{96}$$

$$\quad \quad \quad 42 \quad + \quad \quad 54$$

$$6) \quad 6 \times 15 = (6 \times 7) + (6 \times \underline{8}) = \underline{90}$$

$$\quad \quad \quad 42 \quad + \quad \quad 48$$

$$7) \quad 15 \times 5 = (5 \times 5) + (\underline{10} \times 5) = \underline{75}$$

$$\quad \quad \quad 25 \quad + \quad \quad 50$$

$$8) \quad 12 \times 6 = (3 \times 6) + (\underline{9} \times 6) = \underline{72}$$

$$\quad \quad \quad 18 \quad + \quad \quad 54$$

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

$$\quad \quad \quad 40 \quad + \quad \quad 64$$

$$10) \quad 14 \times 6 = (8 \times 6) + (\underline{6} \times 6) = \underline{84}$$

$$\quad \quad \quad 48 \quad + \quad \quad 36$$

AnswersEx. 1261. 1122. 803. 1084. 1265. 966. 907. 758. 729. 10410. 84



Use the distributive property to solve each problem.

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

$$\quad \quad \quad 32 \quad + \quad 40$$

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

$$\quad \quad \quad +$$

$$2) \quad 9 \times 15 = (9 \times 9) + (9 \times \underline{\quad}) = \underline{\quad}$$

$$\quad \quad \quad +$$

$$3) \quad 17 \times 5 = (7 \times 5) + (\underline{\quad} \times 5) = \underline{\quad}$$

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

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

$$\quad \quad \quad +$$

$$10) \quad 12 \times 4 = (6 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$$

$$\quad \quad \quad +$$

Answers

Ex. _____

1. _____

2. _____

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Use the distributive property to solve each problem.

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

$$\quad \quad \quad 32 \quad + \quad 40$$

$$1) \quad 13 \times 8 = (8 \times 8) + (\underline{5} \times 8) = \underline{104}$$

$$\quad \quad \quad 64 \quad + \quad 40$$

$$2) \quad 9 \times 15 = (9 \times 9) + (9 \times \underline{6}) = \underline{135}$$

$$\quad \quad \quad 81 \quad + \quad 54$$

$$3) \quad 17 \times 5 = (7 \times 5) + (\underline{10} \times 5) = \underline{85}$$

$$\quad \quad \quad 35 \quad + \quad 50$$

$$4) \quad 12 \times 5 = (3 \times 5) + (\underline{9} \times 5) = \underline{60}$$

$$\quad \quad \quad 15 \quad + \quad 45$$

$$5) \quad 17 \times 7 = (8 \times 7) + (\underline{9} \times 7) = \underline{119}$$

$$\quad \quad \quad 56 \quad + \quad 63$$

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

$$\quad \quad \quad 32 \quad + \quad 32$$

$$7) \quad 3 \times 18 = (3 \times 8) + (3 \times \underline{10}) = \underline{54}$$

$$\quad \quad \quad 24 \quad + \quad 30$$

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

$$\quad \quad \quad 32 \quad + \quad 32$$

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

$$\quad \quad \quad 36 \quad + \quad 36$$

$$10) \quad 12 \times 4 = (6 \times 4) + (\underline{6} \times 4) = \underline{48}$$

$$\quad \quad \quad 24 \quad + \quad 24$$

AnswersEx. 721. 1042. 1353. 854. 605. 1196. 647. 548. 649. 7210. 48



Use the distributive property to solve each problem.

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

$$\qquad \qquad \qquad 72 \quad + \quad 40$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

$$5) \quad 9 \times 15 = (9 \times 8) + (9 \times \underline{\quad}) = \underline{\quad}$$

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

$$7) \quad 6 \times 16 = (6 \times 8) + (6 \times \underline{\quad}) = \underline{\quad}$$

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

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

$$\qquad \qquad \qquad +$$

Answers

Ex. _____

1. _____

2. _____

3. _____

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9. _____

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Use the distributive property to solve each problem.

$$\text{Ex) } 14 \times 8 = (9 \times 8) + \left(\frac{5}{72} \times 8 \right) = \underline{112}$$

$$1) 14 \times 5 = (9 \times 5) + \left(\frac{5}{45} \times 5 \right) = \underline{70}$$

$$2) 9 \times 16 = (9 \times 8) + \left(9 \times \frac{8}{72} \right) = \underline{144}$$

$$3) 8 \times 12 = (8 \times 4) + \left(8 \times \frac{8}{64} \right) = \underline{96}$$

$$4) 9 \times 14 = (9 \times 7) + \left(9 \times \frac{7}{63} \right) = \underline{126}$$

$$5) 9 \times 15 = (9 \times 8) + \left(9 \times \frac{7}{63} \right) = \underline{135}$$

$$6) 14 \times 7 = (5 \times 7) + \left(\frac{9}{35} \times 7 \right) = \underline{98}$$

$$7) 6 \times 16 = (6 \times 8) + \left(6 \times \frac{8}{48} \right) = \underline{96}$$

$$8) 7 \times 14 = (7 \times 6) + \left(7 \times \frac{8}{56} \right) = \underline{98}$$

$$9) 13 \times 5 = (9 \times 5) + \left(\frac{4}{45} \times 5 \right) = \underline{65}$$

$$10) 12 \times 8 = (9 \times 8) + \left(\frac{3}{72} \times 8 \right) = \underline{96}$$

AnswersEx. 1121. 702. 1443. 964. 1265. 1356. 987. 968. 989. 6510. 96



Use the distributive property to solve each problem.

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

25 + 40

$$1) \quad 5 \times 18 = (5 \times 8) + (5 \times \underline{\quad}) = \underline{\quad}$$

+

$$2) \quad 4 \times 14 = (4 \times 7) + (4 \times \underline{\quad}) = \underline{\quad}$$

+

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

+

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

+

$$5) \quad 7 \times 16 = (7 \times 8) + (7 \times \underline{\quad}) = \underline{\quad}$$

+

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

+

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

+

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

+

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

+

$$10) \quad 14 \times 9 = (6 \times 9) + (\underline{\quad} \times 9) = \underline{\quad}$$

+

Answers

Ex. _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Use the distributive property to solve each problem.

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

25 + 40

$$1) \quad 5 \times 18 = (5 \times 8) + (5 \times \underline{10}) = \underline{90}$$

40 + 50

$$2) \quad 4 \times 14 = (4 \times 7) + (4 \times \underline{7}) = \underline{56}$$

28 + 28

$$3) \quad 7 \times 17 = (7 \times 7) + (7 \times \underline{10}) = \underline{119}$$

49 + 70

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

36 + 24

$$5) \quad 7 \times 16 = (7 \times 8) + (7 \times \underline{8}) = \underline{112}$$

56 + 56

$$6) \quad 4 \times 14 = (4 \times 5) + (4 \times \underline{9}) = \underline{56}$$

20 + 36

$$7) \quad 8 \times 18 = (8 \times 8) + (8 \times \underline{10}) = \underline{144}$$

64 + 80

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

56 + 80

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

21 + 30

$$10) \quad 14 \times 9 = (6 \times 9) + (\underline{8} \times 9) = \underline{126}$$

54 + 72

AnswersEx. 651. 902. 563. 1194. 605. 1126. 567. 1448. 1369. 5110. 126



Use the distributive property to solve each problem.

Answers

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

$$\begin{array}{r} 36 \\ + \quad 32 \\ \hline 68 \end{array}$$

Ex. _____

$$1) \quad 3 \times 12 = (3 \times 9) + (3 \times \underline{\quad}) = \underline{\quad}$$

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

1. _____

$$2) \quad 7 \times 18 = (7 \times 9) + (7 \times \underline{\quad}) = \underline{\quad}$$

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

2. _____

$$3) \quad 14 \times 7 = (9 \times 7) + (\underline{\quad} \times 7) = \underline{\quad}$$

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

3. _____

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

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

4. _____

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

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

5. _____

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

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

6. _____

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

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

7. _____

$$8) \quad 15 \times 4 = (9 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$$

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

8. _____

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

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

9. _____

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

$$\begin{array}{r} \\ + \\ \hline \end{array}$$

10. _____



Use the distributive property to solve each problem.

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

$$\quad \quad \quad 36 \quad + \quad 32$$

$$1) \quad 3 \times 12 = (3 \times 9) + (3 \times \underline{3}) = \underline{36}$$

$$\quad \quad \quad 27 \quad + \quad 9$$

$$2) \quad 7 \times 18 = (7 \times 9) + (7 \times \underline{9}) = \underline{126}$$

$$\quad \quad \quad 63 \quad + \quad 63$$

$$3) \quad 14 \times 7 = (9 \times 7) + (\underline{5} \times 7) = \underline{98}$$

$$\quad \quad \quad 63 \quad + \quad 35$$

$$4) \quad 15 \times 5 = (5 \times 5) + (\underline{10} \times 5) = \underline{75}$$

$$\quad \quad \quad 25 \quad + \quad 50$$

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

$$\quad \quad \quad 40 \quad + \quad 35$$

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

$$\quad \quad \quad 72 \quad + \quad 54$$

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

$$\quad \quad \quad 81 \quad + \quad 54$$

$$8) \quad 15 \times 4 = (9 \times 4) + (\underline{6} \times 4) = \underline{60}$$

$$\quad \quad \quad 36 \quad + \quad 24$$

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

$$\quad \quad \quad 72 \quad + \quad 81$$

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

$$\quad \quad \quad 36 \quad + \quad 90$$

AnswersEx. 681. 362. 1263. 984. 755. 756. 1267. 1358. 609. 15310. 126



Use the distributive property to solve each problem.

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

35 + 40

$$1) \quad 5 \times 18 = (5 \times 9) + (5 \times \underline{\quad}) = \underline{\quad}$$

+ +

$$2) \quad 12 \times 8 = (2 \times 8) + (\underline{\quad} \times 8) = \underline{\quad}$$

+ +

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

+ +

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

+ +

$$5) \quad 18 \times 4 = (9 \times 4) + (\underline{\quad} \times 4) = \underline{\quad}$$

+ +

$$6) \quad 8 \times 16 = (8 \times 9) + (8 \times \underline{\quad}) = \underline{\quad}$$

+ +

$$7) \quad 15 \times 3 = (6 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$$

+ +

$$8) \quad 12 \times 3 = (7 \times 3) + (\underline{\quad} \times 3) = \underline{\quad}$$

+ +

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

+ +

$$10) \quad 5 \times 14 = (5 \times 9) + (5 \times \underline{\quad}) = \underline{\quad}$$

+ +

Answers

Ex. _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Use the distributive property to solve each problem.

$$\text{Ex) } 5 \times 15 = (5 \times 7) + (5 \times 8) = 35 + 40 = 75$$

$$1) 5 \times 18 = (5 \times 9) + (5 \times 9) = 45 + 45 = 90$$

$$2) 12 \times 8 = (2 \times 8) + (10 \times 8) = 16 + 80 = 96$$

$$3) 18 \times 9 = (9 \times 9) + (9 \times 9) = 81 + 81 = 162$$

$$4) 13 \times 9 = (6 \times 9) + (7 \times 9) = 54 + 63 = 117$$

$$5) 18 \times 4 = (9 \times 4) + (9 \times 4) = 36 + 36 = 72$$

$$6) 8 \times 16 = (8 \times 9) + (8 \times 7) = 72 + 56 = 128$$

$$7) 15 \times 3 = (6 \times 3) + (9 \times 3) = 18 + 27 = 45$$

$$8) 12 \times 3 = (7 \times 3) + (5 \times 3) = 21 + 15 = 36$$

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

$$10) 5 \times 14 = (5 \times 9) + (5 \times 5) = 45 + 25 = 70$$

AnswersEx. 751. 902. 963. 1624. 1175. 726. 1287. 458. 369. 4510. 70