



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $6 + 30$ $6 \times (1+5)$

1) $33 + 30$ _____

2) $6 + 18$ _____

3) $30 + 16$ _____

4) $27 + 39$ _____

5) $9 + 21$ _____

6) $45 + 30$ _____

7) $6 + 12$ _____

8) $4 + 18$ _____

9) $6 + 27$ _____

10) $36 + 24$ _____

11) $6 + 10$ _____

12) $36 + 9$ _____

Answers

Ex. $6 \times (1+5)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $6 + 30$ $6 \times (1+5)$

1) $33 + 30$ $3 \times (11+10)$

2) $6 + 18$ $6 \times (1+3)$

3) $30 + 16$ $2 \times (15+8)$

4) $27 + 39$ $3 \times (9+13)$

5) $9 + 21$ $3 \times (3+7)$

6) $45 + 30$ $15 \times (3+2)$

7) $6 + 12$ $6 \times (1+2)$

8) $4 + 18$ $2 \times (2+9)$

9) $6 + 27$ $3 \times (2+9)$

10) $36 + 24$ $12 \times (3+2)$

11) $6 + 10$ $2 \times (3+5)$

12) $36 + 9$ $9 \times (4+1)$

Answers

Ex. $6 \times (1+5)$

1. $3 \times (11+10)$

2. $6 \times (1+3)$

3. $2 \times (15+8)$

4. $3 \times (9+13)$

5. $3 \times (3+7)$

6. $15 \times (3+2)$

7. $6 \times (1+2)$

8. $2 \times (2+9)$

9. $3 \times (2+9)$

10. $12 \times (3+2)$

11. $2 \times (3+5)$

12. $9 \times (4+1)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $18 + 8$ $2 \times (9 + 4)$

1) $21 + 45$ _____

2) $3 + 15$ _____

3) $21 + 18$ _____

4) $18 + 10$ _____

5) $30 + 42$ _____

6) $18 + 36$ _____

7) $28 + 12$ _____

8) $26 + 6$ _____

9) $12 + 30$ _____

10) $22 + 12$ _____

11) $12 + 20$ _____

12) $16 + 22$ _____

Answers

Ex. $2 \times (9 + 4)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $18 + 8 = 2 \times (9 + 4)$

1) $21 + 45 = 3 \times (7 + 15)$

2) $3 + 15 = 3 \times (1 + 5)$

3) $21 + 18 = 3 \times (7 + 6)$

4) $18 + 10 = 2 \times (9 + 5)$

5) $30 + 42 = 6 \times (5 + 7)$

6) $18 + 36 = 18 \times (1 + 2)$

7) $28 + 12 = 4 \times (7 + 3)$

8) $26 + 6 = 2 \times (13 + 3)$

9) $12 + 30 = 6 \times (2 + 5)$

10) $22 + 12 = 2 \times (11 + 6)$

11) $12 + 20 = 4 \times (3 + 5)$

12) $16 + 22 = 2 \times (8 + 11)$

Answers

Ex. $2 \times (9 + 4)$

1. $3 \times (7 + 15)$

2. $3 \times (1 + 5)$

3. $3 \times (7 + 6)$

4. $2 \times (9 + 5)$

5. $6 \times (5 + 7)$

6. $18 \times (1 + 2)$

7. $4 \times (7 + 3)$

8. $2 \times (13 + 3)$

9. $6 \times (2 + 5)$

10. $2 \times (11 + 6)$

11. $4 \times (3 + 5)$

12. $2 \times (8 + 11)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $30 + 26$ $2 \times (15 + 13)$

1) $36 + 18$ _____

2) $15 + 12$ _____

3) $22 + 4$ _____

4) $6 + 24$ _____

5) $26 + 28$ _____

6) $26 + 6$ _____

7) $12 + 21$ _____

8) $6 + 4$ _____

9) $28 + 36$ _____

10) $36 + 4$ _____

11) $14 + 4$ _____

12) $26 + 36$ _____

Answers

Ex. $2 \times (15 + 13)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $30 + 26 = 2 \times (15 + 13)$

1) $36 + 18 = 18 \times (2 + 1)$

2) $15 + 12 = 3 \times (5 + 4)$

3) $22 + 4 = 2 \times (11 + 2)$

4) $6 + 24 = 6 \times (1 + 4)$

5) $26 + 28 = 2 \times (13 + 14)$

6) $26 + 6 = 2 \times (13 + 3)$

7) $12 + 21 = 3 \times (4 + 7)$

8) $6 + 4 = 2 \times (3 + 2)$

9) $28 + 36 = 4 \times (7 + 9)$

10) $36 + 4 = 4 \times (9 + 1)$

11) $14 + 4 = 2 \times (7 + 2)$

12) $26 + 36 = 2 \times (13 + 18)$

Answers

Ex. $2 \times (15 + 13)$

1. $18 \times (2 + 1)$

2. $3 \times (5 + 4)$

3. $2 \times (11 + 2)$

4. $6 \times (1 + 4)$

5. $2 \times (13 + 14)$

6. $2 \times (13 + 3)$

7. $3 \times (4 + 7)$

8. $2 \times (3 + 2)$

9. $4 \times (7 + 9)$

10. $4 \times (9 + 1)$

11. $2 \times (7 + 2)$

12. $2 \times (13 + 18)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $42 + 15$ $3 \times (14 + 5)$

1) $14 + 22$ _____

2) $36 + 12$ _____

3) $12 + 21$ _____

4) $20 + 24$ _____

5) $14 + 20$ _____

6) $21 + 18$ _____

7) $22 + 24$ _____

8) $15 + 6$ _____

9) $21 + 30$ _____

10) $9 + 6$ _____

11) $30 + 9$ _____

12) $36 + 20$ _____

Answers

Ex. $3 \times (14 + 5)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $42 + 15 = \underline{3 \times (14 + 5)}$

1) $14 + 22 = \underline{2 \times (7 + 11)}$

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

3) $12 + 21 = \underline{3 \times (4 + 7)}$

4) $20 + 24 = \underline{4 \times (5 + 6)}$

5) $14 + 20 = \underline{2 \times (7 + 10)}$

6) $21 + 18 = \underline{3 \times (7 + 6)}$

7) $22 + 24 = \underline{2 \times (11 + 12)}$

8) $15 + 6 = \underline{3 \times (5 + 2)}$

9) $21 + 30 = \underline{3 \times (7 + 10)}$

10) $9 + 6 = \underline{3 \times (3 + 2)}$

11) $30 + 9 = \underline{3 \times (10 + 3)}$

12) $36 + 20 = \underline{4 \times (9 + 5)}$

Answers

Ex. $\underline{3 \times (14 + 5)}$

1. $\underline{2 \times (7 + 11)}$

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

3. $\underline{3 \times (4 + 7)}$

4. $\underline{4 \times (5 + 6)}$

5. $\underline{2 \times (7 + 10)}$

6. $\underline{3 \times (7 + 6)}$

7. $\underline{2 \times (11 + 12)}$

8. $\underline{3 \times (5 + 2)}$

9. $\underline{3 \times (7 + 10)}$

10. $\underline{3 \times (3 + 2)}$

11. $\underline{3 \times (10 + 3)}$

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



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $21 + 27$ $3 \times (7+9)$

1) $33 + 18$ _____

2) $42 + 6$ _____

3) $20 + 6$ _____

4) $24 + 21$ _____

5) $15 + 12$ _____

6) $28 + 4$ _____

7) $39 + 27$ _____

8) $30 + 3$ _____

9) $9 + 39$ _____

10) $21 + 3$ _____

11) $3 + 18$ _____

12) $33 + 12$ _____

Answers

Ex. $3 \times (7+9)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $21 + 27 = 3 \times (7+9)$

1) $33 + 18 = 3 \times (11+6)$

2) $42 + 6 = 6 \times (7+1)$

3) $20 + 6 = 2 \times (10+3)$

4) $24 + 21 = 3 \times (8+7)$

5) $15 + 12 = 3 \times (5+4)$

6) $28 + 4 = 4 \times (7+1)$

7) $39 + 27 = 3 \times (13+9)$

8) $30 + 3 = 3 \times (10+1)$

9) $9 + 39 = 3 \times (3+13)$

10) $21 + 3 = 3 \times (7+1)$

11) $3 + 18 = 3 \times (1+6)$

12) $33 + 12 = 3 \times (11+4)$

Answers

Ex. $3 \times (7+9)$

1. $3 \times (11+6)$

2. $6 \times (7+1)$

3. $2 \times (10+3)$

4. $3 \times (8+7)$

5. $3 \times (5+4)$

6. $4 \times (7+1)$

7. $3 \times (13+9)$

8. $3 \times (10+1)$

9. $3 \times (3+13)$

10. $3 \times (7+1)$

11. $3 \times (1+6)$

12. $3 \times (11+4)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $28 + 36$ $4 \times (7+9)$

1) $3 + 6$ _____

2) $12 + 15$ _____

3) $2 + 18$ _____

4) $14 + 21$ _____

5) $18 + 30$ _____

6) $24 + 21$ _____

7) $42 + 8$ _____

8) $15 + 27$ _____

9) $39 + 45$ _____

10) $24 + 18$ _____

11) $3 + 45$ _____

12) $45 + 10$ _____

Answers

Ex. $4 \times (7+9)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $28 + 36$ $4 \times (7+9)$

1) $3 + 6$ $3 \times (1+2)$

2) $12 + 15$ $3 \times (4+5)$

3) $2 + 18$ $2 \times (1+9)$

4) $14 + 21$ $7 \times (2+3)$

5) $18 + 30$ $6 \times (3+5)$

6) $24 + 21$ $3 \times (8+7)$

7) $42 + 8$ $2 \times (21+4)$

8) $15 + 27$ $3 \times (5+9)$

9) $39 + 45$ $3 \times (13+15)$

10) $24 + 18$ $6 \times (4+3)$

11) $3 + 45$ $3 \times (1+15)$

12) $45 + 10$ $5 \times (9+2)$

Answers

Ex. $4 \times (7+9)$

1. $3 \times (1+2)$

2. $3 \times (4+5)$

3. $2 \times (1+9)$

4. $7 \times (2+3)$

5. $6 \times (3+5)$

6. $3 \times (8+7)$

7. $2 \times (21+4)$

8. $3 \times (5+9)$

9. $3 \times (13+15)$

10. $6 \times (4+3)$

11. $3 \times (1+15)$

12. $5 \times (9+2)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $22 + 10$ $2 \times (11 + 5)$

1) $18 + 45$ _____

2) $39 + 33$ _____

3) $18 + 24$ _____

4) $24 + 42$ _____

5) $8 + 10$ _____

6) $18 + 33$ _____

7) $6 + 12$ _____

8) $24 + 36$ _____

9) $2 + 12$ _____

10) $27 + 24$ _____

11) $39 + 9$ _____

12) $12 + 10$ _____

Answers

Ex. $2 \times (11 + 5)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $22 + 10 = 2 \times (11 + 5)$

1) $18 + 45 = 9 \times (2 + 5)$

2) $39 + 33 = 3 \times (13 + 11)$

3) $18 + 24 = 6 \times (3 + 4)$

4) $24 + 42 = 6 \times (4 + 7)$

5) $8 + 10 = 2 \times (4 + 5)$

6) $18 + 33 = 3 \times (6 + 11)$

7) $6 + 12 = 6 \times (1 + 2)$

8) $24 + 36 = 12 \times (2 + 3)$

9) $2 + 12 = 2 \times (1 + 6)$

10) $27 + 24 = 3 \times (9 + 8)$

11) $39 + 9 = 3 \times (13 + 3)$

12) $12 + 10 = 2 \times (6 + 5)$

Answers

Ex. $2 \times (11 + 5)$

1. $9 \times (2 + 5)$

2. $3 \times (13 + 11)$

3. $6 \times (3 + 4)$

4. $6 \times (4 + 7)$

5. $2 \times (4 + 5)$

6. $3 \times (6 + 11)$

7. $6 \times (1 + 2)$

8. $12 \times (2 + 3)$

9. $2 \times (1 + 6)$

10. $3 \times (9 + 8)$

11. $3 \times (13 + 3)$

12. $2 \times (6 + 5)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $24 + 33$ $3 \times (8 + 11)$

1) $30 + 21$ _____

2) $42 + 45$ _____

3) $26 + 24$ _____

4) $30 + 3$ _____

5) $26 + 39$ _____

6) $10 + 2$ _____

7) $6 + 2$ _____

8) $28 + 14$ _____

9) $18 + 24$ _____

10) $21 + 3$ _____

11) $27 + 30$ _____

12) $21 + 6$ _____

Answers

Ex. $3 \times (8 + 11)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $24 + 33 = 3 \times (8 + 11)$

1) $30 + 21 = 3 \times (10 + 7)$

2) $42 + 45 = 3 \times (14 + 15)$

3) $26 + 24 = 2 \times (13 + 12)$

4) $30 + 3 = 3 \times (10 + 1)$

5) $26 + 39 = 13 \times (2 + 3)$

6) $10 + 2 = 2 \times (5 + 1)$

7) $6 + 2 = 2 \times (3 + 1)$

8) $28 + 14 = 14 \times (2 + 1)$

9) $18 + 24 = 6 \times (3 + 4)$

10) $21 + 3 = 3 \times (7 + 1)$

11) $27 + 30 = 3 \times (9 + 10)$

12) $21 + 6 = 3 \times (7 + 2)$

Answers

Ex. $3 \times (8 + 11)$

1. $3 \times (10 + 7)$

2. $3 \times (14 + 15)$

3. $2 \times (13 + 12)$

4. $3 \times (10 + 1)$

5. $13 \times (2 + 3)$

6. $2 \times (5 + 1)$

7. $2 \times (3 + 1)$

8. $14 \times (2 + 1)$

9. $6 \times (3 + 4)$

10. $3 \times (7 + 1)$

11. $3 \times (9 + 10)$

12. $3 \times (7 + 2)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $24 + 21$ $3 \times (8+7)$

1) $20 + 6$ _____

2) $4 + 24$ _____

3) $24 + 16$ _____

4) $42 + 12$ _____

5) $6 + 30$ _____

6) $2 + 24$ _____

7) $39 + 6$ _____

8) $15 + 36$ _____

9) $39 + 18$ _____

10) $12 + 8$ _____

11) $36 + 26$ _____

12) $36 + 33$ _____

Answers

Ex. $3 \times (8+7)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $24 + 21 = 3 \times (8+7)$

1) $20 + 6 = 2 \times (10+3)$

2) $4 + 24 = 4 \times (1+6)$

3) $24 + 16 = 8 \times (3+2)$

4) $42 + 12 = 6 \times (7+2)$

5) $6 + 30 = 6 \times (1+5)$

6) $2 + 24 = 2 \times (1+12)$

7) $39 + 6 = 3 \times (13+2)$

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

9) $39 + 18 = 3 \times (13+6)$

10) $12 + 8 = 4 \times (3+2)$

11) $36 + 26 = 2 \times (18+13)$

12) $36 + 33 = 3 \times (12+11)$

Answers

Ex. $3 \times (8+7)$

1. $2 \times (10+3)$

2. $4 \times (1+6)$

3. $8 \times (3+2)$

4. $6 \times (7+2)$

5. $6 \times (1+5)$

6. $2 \times (1+12)$

7. $3 \times (13+2)$

8. $3 \times (5+12)$

9. $3 \times (13+6)$

10. $4 \times (3+2)$

11. $2 \times (18+13)$

12. $3 \times (12+11)$



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $20 + 24$ $4 \times (5+6)$

1) $36 + 24$ _____

2) $28 + 6$ _____

3) $2 + 10$ _____

4) $22 + 16$ _____

5) $33 + 15$ _____

6) $9 + 15$ _____

7) $21 + 27$ _____

8) $4 + 12$ _____

9) $6 + 36$ _____

10) $26 + 16$ _____

11) $30 + 28$ _____

12) $39 + 3$ _____

Answers

Ex. $4 \times (5+6)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Use the distributive property to rewrite the expression as a multiple of a sum of two numbers with no common factor.

Ex) $20 + 24 = 4 \times (5+6)$

1) $36 + 24 = 12 \times (3+2)$

2) $28 + 6 = 2 \times (14+3)$

3) $2 + 10 = 2 \times (1+5)$

4) $22 + 16 = 2 \times (11+8)$

5) $33 + 15 = 3 \times (11+5)$

6) $9 + 15 = 3 \times (3+5)$

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

8) $4 + 12 = 4 \times (1+3)$

9) $6 + 36 = 6 \times (1+6)$

10) $26 + 16 = 2 \times (13+8)$

11) $30 + 28 = 2 \times (15+14)$

12) $39 + 3 = 3 \times (13+1)$

Answers

Ex. $4 \times (5+6)$

1. $12 \times (3+2)$

2. $2 \times (14+3)$

3. $2 \times (1+5)$

4. $2 \times (11+8)$

5. $3 \times (11+5)$

6. $3 \times (3+5)$

7. $3 \times (7+9)$

8. $4 \times (1+3)$

9. $6 \times (1+6)$

10. $2 \times (13+8)$

11. $2 \times (15+14)$

12. $3 \times (13+1)$