



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.  $5 \times (9+2)$