



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

Ex)  $14 + 22$   $2 \times (7 + 11)$

1)  $45 + 12$  \_\_\_\_\_

2)  $18 + 21$  \_\_\_\_\_

3)  $30 + 8$  \_\_\_\_\_

4)  $15 + 18$  \_\_\_\_\_

5)  $33 + 45$  \_\_\_\_\_

6)  $12 + 28$  \_\_\_\_\_

7)  $18 + 28$  \_\_\_\_\_

8)  $12 + 30$  \_\_\_\_\_

9)  $18 + 20$  \_\_\_\_\_

10)  $30 + 36$  \_\_\_\_\_

11)  $14 + 26$  \_\_\_\_\_

12)  $24 + 15$  \_\_\_\_\_

Answers

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

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

1)  $45 + 12 = \underline{3 \times (15+4)}$

2)  $18 + 21 = \underline{3 \times (6+7)}$

3)  $30 + 8 = \underline{2 \times (15+4)}$

4)  $15 + 18 = \underline{3 \times (5+6)}$

5)  $33 + 45 = \underline{3 \times (11+15)}$

6)  $12 + 28 = \underline{4 \times (3+7)}$

7)  $18 + 28 = \underline{2 \times (9+14)}$

8)  $12 + 30 = \underline{6 \times (2+5)}$

9)  $18 + 20 = \underline{2 \times (9+10)}$

10)  $30 + 36 = \underline{6 \times (5+6)}$

11)  $14 + 26 = \underline{2 \times (7+13)}$

12)  $24 + 15 = \underline{3 \times (8+5)}$

**Answers**

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

1.  $\underline{3 \times (15+4)}$

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

3.  $\underline{2 \times (15+4)}$

4.  $\underline{3 \times (5+6)}$

5.  $\underline{3 \times (11+15)}$

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

7.  $\underline{2 \times (9+14)}$

8.  $\underline{6 \times (2+5)}$

9.  $\underline{2 \times (9+10)}$

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

11.  $\underline{2 \times (7+13)}$

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