



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

Ex)  $24 + 45 = 3 \times (8 + 15)$

1)  $8 + 6 =$  \_\_\_\_\_

2)  $28 + 10 =$  \_\_\_\_\_

3)  $12 + 22 =$  \_\_\_\_\_

4)  $24 + 18 =$  \_\_\_\_\_

5)  $24 + 20 =$  \_\_\_\_\_

6)  $15 + 12 =$  \_\_\_\_\_

7)  $22 + 24 =$  \_\_\_\_\_

8)  $20 + 42 =$  \_\_\_\_\_

9)  $6 + 22 =$  \_\_\_\_\_

10)  $33 + 22 =$  \_\_\_\_\_

11)  $45 + 12 =$  \_\_\_\_\_

12)  $18 + 45 =$  \_\_\_\_\_

Answers

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

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)  $24 + 45 = \underline{3 \times (8 + 15)}$

1)  $8 + 6 = \underline{2 \times (4 + 3)}$

2)  $28 + 10 = \underline{2 \times (14 + 5)}$

3)  $12 + 22 = \underline{2 \times (6 + 11)}$

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

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

6)  $15 + 12 = \underline{3 \times (5 + 4)}$

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

8)  $20 + 42 = \underline{2 \times (10 + 21)}$

9)  $6 + 22 = \underline{2 \times (3 + 11)}$

10)  $33 + 22 = \underline{11 \times (3 + 2)}$

11)  $45 + 12 = \underline{3 \times (15 + 4)}$

12)  $18 + 45 = \underline{9 \times (2 + 5)}$

**Answers**

Ex.  $\underline{3 \times (8 + 15)}$

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

2.  $\underline{2 \times (14 + 5)}$

3.  $\underline{2 \times (6 + 11)}$

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

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

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

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

8.  $\underline{2 \times (10 + 21)}$

9.  $\underline{2 \times (3 + 11)}$

10.  $\underline{11 \times (3 + 2)}$

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

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