



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

Ex) $36 + 21 = \underline{3 \times (12 + 7)}$

1) $6 + 45 = \underline{\hspace{2cm}}$

2) $3 + 21 = \underline{\hspace{2cm}}$

3) $10 + 15 = \underline{\hspace{2cm}}$

4) $6 + 12 = \underline{\hspace{2cm}}$

5) $18 + 45 = \underline{\hspace{2cm}}$

6) $30 + 12 = \underline{\hspace{2cm}}$

7) $3 + 14 = \underline{\hspace{2cm}}$

8) $12 + 16 = \underline{\hspace{2cm}}$

9) $33 + 6 = \underline{\hspace{2cm}}$

10) $8 + 22 = \underline{\hspace{2cm}}$

11) $30 + 42 = \underline{\hspace{2cm}}$

12) $16 + 30 = \underline{\hspace{2cm}}$

Answers

Ex. $\underline{3 \times (12 + 7)}$

1. $\underline{\hspace{2cm}}$

2. $\underline{\hspace{2cm}}$

3. $\underline{\hspace{2cm}}$

4. $\underline{\hspace{2cm}}$

5. $\underline{\hspace{2cm}}$

6. $\underline{\hspace{2cm}}$

7. $\underline{\hspace{2cm}}$

8. $\underline{\hspace{2cm}}$

9. $\underline{\hspace{2cm}}$

10. $\underline{\hspace{2cm}}$

11. $\underline{\hspace{2cm}}$

12. $\underline{\hspace{2cm}}$



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

Ex) $36 + 21 = \underline{3 \times (12 + 7)}$

1) $6 + 45 = \underline{3 \times (2 + 15)}$

2) $3 + 21 = \underline{3 \times (1 + 7)}$

3) $10 + 15 = \underline{5 \times (2 + 3)}$

4) $6 + 12 = \underline{6 \times (1 + 2)}$

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

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

7) $3 + 14 = \underline{1 \times (3 + 14)}$

8) $12 + 16 = \underline{4 \times (3 + 4)}$

9) $33 + 6 = \underline{3 \times (11 + 2)}$

10) $8 + 22 = \underline{2 \times (4 + 11)}$

11) $30 + 42 = \underline{6 \times (5 + 7)}$

12) $16 + 30 = \underline{2 \times (8 + 15)}$

Answers

Ex. $\underline{3 \times (12 + 7)}$

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

2. $\underline{3 \times (1 + 7)}$

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

4. $\underline{6 \times (1 + 2)}$

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

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

7. $\underline{1 \times (3 + 14)}$

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

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

10. $\underline{2 \times (4 + 11)}$

11. $\underline{6 \times (5 + 7)}$

12. $\underline{2 \times (8 + 15)}$