

## CREATE THE PROBLEM

Post a solution on the board and ask students to “Create the Problem” using different formats and guidelines. Vary the activity each time. This activity can be used as a bell-ringer.

### Solutions:

1.  $6x + 8y$
2.  $12x - 3y$
3.  $9x + 7y$
4.  $-5x + 4y$
5.  $18x + 13y$
6.  $15x - 2y$

### Formats:

1. ( \_\_\_\_\_ + \_\_\_\_\_ ) + ( \_\_\_\_\_ + \_\_\_\_\_ )
2. ( \_\_\_\_\_ + \_\_\_\_\_ ) + ( \_\_\_\_\_ - \_\_\_\_\_ )
3. ( \_\_\_\_\_ - \_\_\_\_\_ ) + ( - \_\_\_\_\_ + \_\_\_\_\_ )
4. ( \_\_\_\_\_ + \_\_\_\_\_ ) - ( \_\_\_\_\_ + \_\_\_\_\_ )

### Guidelines:

1. Use two formats.
2. Use formats 1 and 3.
3. Use formats 2 and 4.
4. Use all groups.
5. Use three groups, all positive.
6. Use three groups, two positive and one negative.