

1. Express as a trinomial.

$$(3x + 1)(x + 4)$$

2. Write the following expression as a simplified polynomial in standard form.

$$(x - 2)^2 + 2(x - 2) + 6$$

3. Perform the operation.

$$(-6x^2 - 3x - 1) - (x + 8)$$

4. Combine like terms.

$$3 - 3x^2 + 6 + 3x + 1 + 4x + 2x$$

5. Fully simplify.

$$(-2xy^2)^2$$
