

# Activity

**A**

Name:

Date: / / 2025

## On Track

### 16.1 Add and Subtract Polynomials

### Algebra 1



Identify the monomials that are like terms with  $-3x^2$ . Drag your answer.

$5x^2$	$-7x^2$	$10x^2$	$3y$	$10x^2$	$3x^2$	$x^4$	$4x$	$-2yz$	$\frac{1}{2}x^2$
$2xy$	$-6z^2$	$7x^3$	$5x^5$	$-6x^2$	$-9$	$-5y^2$	$-x^2$	$2x^2$	$8x^2$

when you finish, please thumbs up



like terms with  $-3x^2$

Unlike terms with  $-3x^2$

# Activity

**B**

Name:

Date: / / 20

## Almost There

### 16.1 Add and Subtract Polynomials

### Algebra 1



Classify each expression as a monomial, binomial, or trinomial. Drag your answer.

$7x^3$	$4a + 5$	$x^2 + 3x - 1$	$x^3 + 2x^2 + 7$	$a^4 - 3a^2 + 1$	$x^2 + 5x$
$2m^2 + 9m$	$10y^5$	$6p - 8$	$5y$	$8x - 3y$	$4m^3 + 2m^2 - 6$

when you finish, please thumbs up



Monomial

Binomial

Trinomial

Add or Subtract. Drag your answer below and place it in the box provided for the question.

$5x^2 + 3x + 5$

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

$4x + 1$

$20a^2b - 2b - 4$

$3x^2 - 5x + 8$

$5a^2b - 8ab^2 + 5$

$5x + 1$

$-a^3b + 4ab^3 + 2$



1

$(3x + 5) + (2x - 4)$

2

$(7x + 2) - (3x + 1)$

3

$(4x^2 + 3x) + (x^2 + 5)$

4

$(5x^2 - 2x + 7) - (2x^2 + 3x - 1)$

5

$$\begin{array}{r} 2x^3 - 4x^2 + 6x - 1 \\ + 4x^3 + 5x^2 - 4x - 2 \\ \hline \end{array}$$

6

$$\begin{array}{r} 7a^2b - 3ab^2 + 4 \\ - 2a^2b + 5ab^2 - 1 \\ \hline \end{array}$$

7

$$\begin{array}{r} 9a^2b + 7b + 7 \\ + 11a^2b - 9b - 11 \\ \hline \end{array}$$

8

$$\begin{array}{r} 8a^3b - 3ab^3 + 4 \\ - 9a^3b - 7ab^3 + 2 \\ \hline \end{array}$$

The UAE flag has four colors: red, green, white, and black. Ahmed is making a poster about the UAE flag and uses the following amounts of paint:

- Red paint:  $3x + 2$  liters
- Green paint:  $x - 1$  liters
- White paint:  $2x + 3$  liters
- Black paint:  $x + 4$  liters



How much paint does Ahmed use in total? Write your answer as a simplified polynomial.