

Name\_\_\_\_\_

Class\_\_\_\_\_

Date\_\_\_\_\_

TEK: A.10(A) Add and subtract polynomials of degree one and degree two

**Independent Practice**  
Adding and Subtracting Polynomials

In the following exercises, add or subtract the monomials.

1.  $28x - (-12x)$

2.  $3m + 9m$

3.  $2a^2 + b^2 - 6a^2$

4.  $xy^2 - 5x - 5y^2$

5.  $pq^2 - 4p - 3q^2$

6.  $x^2y - 3x + 7xy^2$

7.  $14x - 3y - 13x$

8. Subtract  $2p^2$  from  $-7p^2$



TheAlgebraGuy.com

Excellence | Step-by-Step

Name \_\_\_\_\_

Class \_\_\_\_\_

Date \_\_\_\_\_

In the following exercises, add and subtract polynomials

9.  $(5x^2 + 12x + 4) + (6x^2 - 8x + 7)$

10.  $(y^2 + 6y + 8) + (-4y^2 + 11y - 9)$

11.  $(8a^2 - 5a + 2) + (2a^2 + 3)$

12.  $(4n^2 - 6n - 3) - (2n^2 + n - 7)$

13.  $(t^2 + 7t + 3) - (t^2 - 2t + t - 7)$

14.  $(12r^2 - 20r) - (r - 5)$



TheAlgebraGuy.com

Excellence | Step-by-Step