

# Adding and Subtracting Monomials

Name: \_\_\_\_\_ Score: \_\_\_\_\_

Solve for each variable.

$$3a - 2a =$$

$$v - 4v =$$

$$9x - 7x =$$

$$2c + 3c =$$

$$k - (-4k) =$$

$$-3r + 4r =$$

$$2v^2n - (-v^2n) =$$

$$-n - 7n =$$

$$-2q^2 + 2q^2 =$$

$$-2b^2 - 5b^2 =$$

$$2m^2n^2 + 6m^2n^2 =$$

$$2t - 10t =$$

$$-2p + 4p =$$

$$8a + 3a =$$

$$-y - 6y =$$

$$-2y^2 + 5y^2 =$$

$$2v^3 - 5v^3 =$$

$$a^2b + 4a^2b =$$

$$2q - 4q =$$

$$5c - 8c =$$

$$3j^5 + 5j^5 =$$

# Answers

Solve for each variable.

$$3a - 2a =$$

a

$$v - 4v =$$

-3v

$$9x - 7x =$$

2x

$$2c + 3c =$$

5c

$$k - (-4k) =$$

5k

$$-3r + 4r =$$

r

$$2v^2n - (-v^2n) =$$

$3v^2n$

$$-n - 7n =$$

-8n

$$-2q^2 + 2q^2 =$$

0

$$-2b^2 - 5b^2 =$$

-7b<sup>2</sup>

$$2m^2n^2 + 6m^2n^2 =$$

$8m^2n^2$

$$2t - 10t =$$

-8t

$$-2p + 4p =$$

2p

$$8a + 3a =$$

11a

$$-y - 6y =$$

-7y

$$-2y^2 + 5y^2 =$$

$3y^2$

$$2v^3 - 5v^3 =$$

-3v<sup>3</sup>

$$a^2b + 4a^2b =$$

$5a^2b$

$$2q - 4q =$$

-2q

$$5c - 8c =$$

-3c

$$3j^5 + 5j^5 =$$

$8j^5$