



## Subtracting Binomials

Name \_\_\_\_\_

Score \_\_\_\_\_

SP:11

Subtract the binomials.

1)  $(3x + 4y + 5z) - (-2y - 4xy - 7yz)$

\_\_\_\_\_

2)  $(8h - 5h^2 - 4) - (6 + 7h + 2h^2)$

\_\_\_\_\_

3)  $(-2ab^2 + 9ab - a^2b) - (6ab + a^2b + 7ab^2)$

\_\_\_\_\_

4)  $(3k + 4k^5 - k^4) - (8k - k^4 - 2k^5)$

\_\_\_\_\_

5)  $(w - 5w^2 + 8w^3) - (-w^3 - w^2 + 4w)$

\_\_\_\_\_

6)  $(-2p^3 - q^3 - 6r^3) - (r^3 + 4p^3 + 8q^3)$

\_\_\_\_\_

7)  $(6d - 1 + 7d^4) - (5 + d^4 - 3d)$

\_\_\_\_\_

8)  $(4m^2n^2 - 3m - 6n) - (-6n + 5m^2n^2 - 3m)$

\_\_\_\_\_



# Subtracting Binomials

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Score \_\_\_\_\_

## Answer key

SP:11

Subtract the binomials.

1)  $(3x + 4y + 5z) - (-2y - 4xy - 7yz)$

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$$4xy + 7yz + 3x + 6y + 5z$$

2)  $(8h - 5h^2 - 4) - (6 + 7h + 2h^2)$

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$$-7h^2 + h - 10$$

3)  $(-2ab^2 + 9ab - a^2b) - (6ab + a^2b + 7ab^2)$

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$$-2a^2b - 9ab^2 + 3ab$$

4)  $(3k + 4k^5 - k^4) - (8k - k^4 - 2k^5)$

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$$6k^5 - 5k$$

5)  $(w - 5w^2 + 8w^3) - (-w^3 - w^2 + 4w)$

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$$9w^3 - 4w^2 - 3w$$

6)  $(-2p^3 - q^3 - 6r^3) - (r^3 + 4p^3 + 8q^3)$

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$$-6p^3 - 9q^3 - 7r^3$$

7)  $(6d - 1 + 7d^4) - (5 + d^4 - 3d)$

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$$6d^4 + 9d - 6$$

8)  $(4m^2n^2 - 3m - 6n) - (-6n + 5m^2n^2 - 3m)$

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$$-m^2n^2$$