Subtracting Binomials

Subtract the binomials.

1) $(x + y) - (5x - 2y)$

2) $(4g^4 + 3) - (-6 + 4gh)$

3) $(-k^5 - 6) - (6 + 3k^5)$

4) $(2c - 7abc) - (5abc + 3c)$

5) $(7u^2v^2 + 3w^2) - (w^2 + u^2v^2)$

6) $(-2 - 5p) - (-1 - 8p)$

7) $(5d - d^3) - (-2d - 9d^3)$

8) $(-4mn + 3) - (9 - 4mn)$

Subtracting Binomials

Answer key

Subtract the binomials.

1) $(x + y) - (5x - 2y)$

−4x + 3y

2) $(4g^4 + 3) - (-6 + 4gh)$

4g⁴ − 4gh + 9

3) $(-k^5 - 6) - (6 + 3k^5)$

−4k⁵

4) $(2c - 7abc) - (5abc + 3c)$

−12abc − c

5) $(7u^2v^2 + 3w^2) - (w^2 + u^2v^2)$

6u²v² + 2w²

6) $(-2 - 5p) - (-1 - 8p)$

3p − 1

7) $(5d - d^3) - (-2d - 9d^3)$

8d³ + 7d

8) $(-4mn + 3) - (9 - 4mn)$

−6