Add the binomials.

1) $(3m + 5n) + (-3m + 5n)$

2) $(5ab - 2) + (3ab - 9)$

3) $(z^3 + 2) + (7 + 4z^3)$

4) $(2x^4 + 3) + (6x^3 + x^4)$

5) $(-8d - 10) + (7d + 10)$

6) $(-gh + g^2h^2) + (-8g^2h^2 + 2gh)$

7) $(3uv^2 - w) + (5w + uv^2)$

8) $(5p - 11) + (4 - p)$

Adding Binomials

Answer key

Add the binomials.

1) $(3m + 5n) + (-3m + 5n)$

10n

2) $(5ab - 2) + (3ab - 9)$

8ab − 11

3) $(z^3 + 2) + (7 + 4z^3)$

5z³ + 9

4) $(2x^4 + 3) + (6x^3 + x^4)$

3x⁴ + 6x³ + 3

5) $(-8d - 10) + (7d + 10)$

−d

6) $(-gh + g^2h^2) + (-8g^2h^2 + 2gh)$

−7g²h² + gh

7) $(3uv^2 - w) + (5w + uv^2)$

4uv² + 4w

8) $(5p - 11) + (4 - p)$

4p − 7