

Name: _____

Subtracting Polynomials

Single-variable: L1S1

Subtract the polynomials.

1) $2p - (5p^5 + p)$

2) $(9y^2 + 4y^6) - 13y^3$

3) $(-14r^4 + 11r^6) - 10r^6$

4) $(-3s^4) - (-3s^4 + 20)$

5) $6v^2 - (v^2 - 8)$

6) $(-15 + 11a^2) - (-35)$

7) $(17 + 2k) - 17$

8) $(-2h^3 - 8h) - (-19h)$

9) $(-7z^5) - (-1 - 12z^3)$

10) $21 - (21d^2 - 36)$

Name: _____

Answer key

Subtracting Polynomials

Single-variable: L1S1

Subtract the polynomials.

1) $2p - (5p^5 + p)$

$-5p^5 + p$

2) $(9y^2 + 4y^6) - 13y^3$

$4y^6 - 13y^3 + 9y^2$

3) $(-14r^4 + 11r^6) - 10r^6$

$r^6 - 14r^4$

4) $(-3s^4) - (-3s^4 + 20)$

-20

5) $6v^2 - (v^2 - 8)$

$5v^2 + 8$

6) $(-15 + 11a^2) - (-35)$

$11a^2 + 20$

7) $(17 + 2k) - 17$

$2k$

8) $(-2h^3 - 8h) - (-19h)$

$-2h^3 + 11h$

9) $(-7z^5) - (-1 - 12z^3)$

$-7z^5 + 12z^3 + 1$

10) $21 - (21d^2 - 36)$

$-21d^2 + 57$