

Name: _____

Subtracting Polynomials

Multi-variable: L1S1

Subtract the polynomials.

1) $(28y^2z^4 + 14) - 5yz^2$

2) $(-31u^3v) - (-6w^2 - 20u^3v)$

3) $(-10g^6) - (7g^6 - 28h^4)$

4) $(9r^4s^3 - 12stu^5) - 9r^4s^3$

5) $(-21s^2t - 6) - 13$

6) $16a^2b^3c - (11a^2b^3c - 32c)$

7) $(-18bc^5) - (-1 - 18bc^5)$

8) $(15n + 17m) - 41mn$

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

10) $(-wx^6) - (x^6y - 4wx^6)$

Name: _____

Answer key

Subtracting Polynomials

Multi-variable: L1S1

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1) $(28y^2z^4 + 14) - 5yz^2$

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$-11u^3v + 6w^2$

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$-17g^6 + 28h^4$

4) $(9r^4s^3 - 12stu^5) - 9r^4s^3$

$-12stu^5$

5) $(-21s^2t - 6) - 13$

$-21s^2t - 19$

6) $16a^2b^3c - (11a^2b^3c - 32c)$

$5a^2b^3c + 32c$

7) $(-18bc^5) - (-1 - 18bc^5)$

1

8) $(15n + 17m) - 41mn$

$-41mn + 17m + 15n$

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

$p^3q^4r^6 + p^3q^3$

10) $(-wx^6) - (x^6y - 4wx^6)$

$3wx^6 - x^6y$