

Name : _____

Subtracting Binomials

Multi-variable: L1S1

Subtract the binomials.

1) $(10w^6x^4 - 5y^2) - (-w^6x^4 - 2y^2)$ 2) $(-t^4 - 12st) - (-st - 19t^4)$

3) $(3g + 7gh) - (9g + 11g^2h)$ 4) $(-4pqr + 16) - (-6pqr + 7)$

5) $(2b - 8bc^3d) - (4bc^3d + 17b)$ 6) $(t^5u + 14u^6v) - (t^5u - 14u^6v)$

7) $(-20m^5 + 19n^2) - (6m^5 - n^2)$ 8) $(10bc^2 - 9) - (15abc^3 - bc)$

Name : _____

Answer key

Subtracting Binomials

Multi-variable: L1S1

Subtract the binomials.

1) $(10w^6x^4 - 5y^2) - (-w^6x^4 - 2y^2)$ 2) $(-t^4 - 12st) - (-st - 19t^4)$

$11w^6x^4 - 3y^2$

$18t^4 - 11st$

3) $(3g + 7gh) - (9g + 11g^2h)$ 4) $(-4pqr + 16) - (-6pqr + 7)$

$-11g^2h + 7gh - 6g$

$2pqr + 9$

5) $(2b - 8bc^3d) - (4bc^3d + 17b)$ 6) $(t^5u + 14u^6v) - (t^5u - 14u^6v)$

$-12bc^3d - 15b$

$28u^6v$

7) $(-20m^5 + 19n^2) - (6m^5 - n^2)$ 8) $(10bc^2 - 9) - (15abc^3 - bc)$

$-26m^5 + 20n^2$

$-15abc^3 + 10bc^2 + bc - 9$