

Name : _____

Adding Binomials

Single-variable: S4

Add the binomials.

1) $t^3 - 1$, $9t^6 + 5t^3$, $7 - 9t^6$

2) $2n^5 + 6$, $-n^5 - 2$, $-5 - 4n^5$

3) $-y^5 + 3y^3$, $-y^6$

PREVIEW

$v^2 + 8v$, $v + 6v^2$

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5) $p^2 + 8p^4$, $-3p$

$7a^4 - a^3$, $-8a^3 + a^5$

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7) $-5z^6 - 7$, $z^6 + 6$, $4z^6 + 1$

8) $16 - 9w^2$, $-6w^3 - w$, $w^3 - 2w$

Name : _____

Answer key

Adding Binomials

Single-variable: S4

Add the binomials.

1) $t^3 - 1$, $9t^6 + 5t^3$, $7 - 9t^6$

2) $2n^5 + 6$, $-n^5 - 2$, $-5 - 4n^5$

$6t^3 + 6$

$-3n^5 - 1$

3) $-y^5 + 3y^3$, $-y^6$

PREVIEW

$v^2 + 8v$, $v + 6v^2$

$5y^6 - 2y^5 + 4y^3$

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5) $p^2 + 8p^4$, $-3p^4$

$7a^4 - a^3$, $-8a^3 + a^5$

$5p^4 - 9p^3 + p^2$

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$9a^3$

7) $-5z^6 - 7$, $z^6 + 6$, $4z^6 + 1$

8) $16 - 9w^2$, $-6w^3 - w$, $w^3 - 2w$

0

$-5w^3 - 9w^2 - 3w + 16$