

Name : _____

Adding Binomials

Single-variable: S3

Add the binomials.

1) $-4b^3 + b^2$, $-b^3 + 3b^2$, $-b^2 - 6b^3$ 2) $4s + 9s^5$, $-s^4 + 6$, $3s^4 - s^3$

3) $q + 16q^4$, $-q^2 - y^3$, $-2y + 8y^2$

5) $-8h^5 - h^4$, $2h^2 + 3$, $-14 - r^6$

7) $8 + 6u^2$, $-u - 3u^2$, $5u - 11$ 8) $-t^4 - 5t^6$, $-t^6 - 2t^4$, $5t^4 + 6t^6$

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Name : _____

Answer key

Adding Binomials

Single-variable: S3

Add the binomials.

1) $-4b^3 + b^2$, $-b^3 + 3b^2$, $-b^2 - 6b^3$ 2) $4s + 9s^5$, $-s^4 + 6$, $3s^4 - s^3$

$-11b^3 + 3b^2$

$9s^5 + 2s^4 - s^3 + 4s + 6$

3) $q + 16q^4$, $-q^4$

PREVIEW

$r^2 - y^3$, $-2y + 8y^2$

$14q^4 - 18q$

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5) $-8h^5 - h^4$, $2h^4$

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$7y$, $+3$, $-14 - r^6$

$-5h^5 - h^4 + 2h^4$

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7) $8 + 6u^2$, $-u - 3u^2$, $5u - 11$

8) $-t^4 - 5t^6$, $-t^6 - 2t^4$, $5t^4 + 6t^6$

$3u^2 + 4u - 3$

$2t^4$