

Name : _____

Adding Binomials

Multi-variable: S3

Add the binomials.

1) $-t^4u^3 - u^4$, $-u^3 + 3t^4u^3$, $v^4 + w$ 2) $-pq + p^2$, $-pq + p^2$, $-p^2 - pq$

3) $3x + x^2yz$, $5z^2$, $3 - b^2c$, $2ac^3 - 1$

5) $4rst - rs$, $-t +$, $-2n$, $7m^3 + 3$

7) $gh + 5g^2h^2$, $-gh - g$, $g^2h^2 + g$ 8) $-b^4 + b^2$, $c^5 + 3c^2$, $b^2 + 6b^4$

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Name : _____

Answer key

Adding Binomials

Multi-variable: S3

Add the binomials.

1) $-t^4u^3 - u^4$, $-u^3 + 3t^4u^3$, $v^4 + w$ 2) $-pq + p^2$, $-pq + p^2$, $-p^2 - pq$

$2t^4u^3 - u^4 + v^4 - u^3 + w$

$p^2 - 3pq$

3) $3x + x^2yz$, $5z^2$, $3 - b^2c$, $2ac^3 - 1$

$3x^2yz + 6z^2 + 2$, $3 - b^2c$, $2ac^3 - 1$

5) $4rst - rs$, $-t + 2n$, $7m^3 + 3$

$4rst - 10t$

7) $gh + 5g^2h^2$, $-gh - g$, $g^2h^2 + g$ 8) $-b^4 + b^2$, $c^5 + 3c^2$, $b^2 + 6b^4$

$6g^2h^2$

$c^5 + 5b^4 + 2b^2 + 3c^2$

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