



Adding Trinomials

Name _____

Score _____

AP:21

Add the trinomials.

1) $8u + uv - 11v$, $3uv + 5v - u$ and $6v - 7u - 2uv$

2) $-m + 6m^4 + 3m^2$, $m^2 + 3m - m^4$ and $2m^4 - m - 5m^2$

3) $-4gh - g^3 - 6h^2$, $h^2 - gh + g^3$ and $5gh - h^2 - 9g^3$

4) $4y^2 - y - 7$, $3y^2 + 6y - 9$ and $-5y^2 + y + 3$

5) $8 + 9a^2 - b^2$, $5b^2 - 1 - 2a^2$ and $-4 + a^2 + 7b^2$

6) $-n + n^3 - 4$, $6n^2 - 7 + 4n$ and $10 + 3n^3 - n^2$



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Answer key

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Add the trinomials.

1) $8u + uv - 11v$, $3uv + 5v - u$ and $6v - 7u - 2uv$

$2uv$

2) $-m + 6m^4 + 3m^2$, $m^2 + 3m - m^4$ and $2m^4 - m - 5m^2$

$7m^4 - m^2 + m$

3) $-4gh - g^3 - 6h^2$, $h^2 - gh + g^3$ and $5gh - h^2 - 9g^3$

$-9g^3 - 6h^2$

4) $4y^2 - y - 7$, $3y^2 + 6y - 9$ and $-5y^2 + y + 3$

$2y^2 + 6y - 13$

5) $8 + 9a^2 - b^2$, $5b^2 - 1 - 2a^2$ and $-4 + a^2 + 7b^2$

$8a^2 + 11b^2 + 3$

6) $-n + n^3 - 4$, $6n^2 - 7 + 4n$ and $10 + 3n^3 - n^2$

$4n^3 + 5n^2 + 3n - 1$