Adding Trinomials

Add the trinomials.

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

_____

2) $3uv - 4v + 9u$, $4v + u - 3uv$

_____

3) $2p^2 + 5q^2 - 3pq$, $q^2 - p^2 + 2pq$

_____

4) $2y + 3 - y^2$, $5y^2 + y + 1$

_____

5) $4z^6 - z^5 + z^4$, $2z^2 - z^5 + 6z^3$

_____

6) $-m^2 + 2n^3 + 4$, $1 - n^3 + 5m^2$

_____

7) $-5g^3 - 7h^3 + 4gh$, $9gh + g^3 - h^3$

_____

8) $2 + w^2 + 2w^4$, $-2w^2 + 6 - 9w^4$

_____

Adding Trinomials

Answer key

Name _____

Score _____

AP:17

Add the trinomials.

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

   $4b^2 + 1$

2) $3uv - 4v + 9u$, $4v + u - 3uv$

   $10u$

3) $2p^2 + 5q^2 - 3pq$, $q^2 - p^2 + 2pq$

   $p^2 - pq + 6q^2$

4) $2y + 3 - y^2$, $5y^2 + y + 1$

   $4y^2 + 3y + 4$

5) $4z^6 - z^5 + z^4$, $2z^2 - z^5 + 6z^3$

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

6) $-m^2 + 2n^3 + 4$, $1 - n^3 + 5m^2$

   $n^3 + 4m^2 + 5$

7) $-5g^3 - 7h^3 + 4gh$, $9gh + g^3 - h^3$

   $-4g^3 - 8h^3 + 13gh$

8) $2 + w^2 + 2w^4$, $-2w^2 + 6 - 9w^4$

   $-7w^4 - w^2 + 8$