Add the trinomials.

1) $2u + 3v - 7w$, $6u - 2v - w$ and $5w - u + 3v$

_____

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

_____

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

_____

4) $6d + 2 - d^2$, $4d^2 - 1 + 7d$ and $9 + 3d - 5d^2$

_____

5) $4pq + p^3 - 2q^3$, $4p^3 - q^3 + 6pq$ and $-3q^3 - pq - 5p^3$

_____

6) $-b^3 + 7 - 3b^2$, $-1 - b^2 + 6b^3$ and $b^3 + b^2 - 9$

_____

Adding Trinomials

Add the trinomials.

1) $2u + 3v - 7w$, $6u - 2v - w$ and $5w - u + 3v$

$$\mathbf{7u + 4v - 3w}$$

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

$$\mathbf{-g^3 + h^3 - g^2 - h^2 + 7}$$

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

$$\mathbf{4k^2}$$

4) $6d + 2 - d^2$, $4d^2 - 1 + 7d$ and $9 + 3d - 5d^2$

$$\mathbf{-2d^2 + 16d + 10}$$

5) $4pq + p^3 - 2q^3$, $4p^3 - q^3 + 6pq$ and $-3q^3 - pq - 5p^3$

$$\mathbf{-6q^3 + 9pq}$$

6) $-b^3 + 7 - 3b^2$, $-1 - b^2 + 6b^3$ and $b^3 + b^2 - 9$

$$\mathbf{6b^3 - 3b^2 - 3}$$