

Subtract Polynomials

Simplify each expression.

$$(7c^2 + 6c^3) - (5c^3 + 3)$$

$$(6c^4 - 9) - (3c^4 + 2 + 4c^3)$$

$$(6y^4 - 8 + 3y^2) - (y + 4y^2 - 2)$$

$$(5c^3 + 9) - (2c^3 - 7 + c^4)$$

$$(6s^4 + 5s^3 - 8) - (4s^3 - s^2 - 2)$$

$$(9r^4 + 2r^2 - 6) - (8r^4 - 3 - 7r)$$

$$(8g^4 - 9g^5) - (3g^5 + 7g^4)$$

$$(7r^4 + 6r^3 - 2) - (8r^3 + 5r^2 + 3)$$

Subtract Polynomials

Simplify each expression.

$$\begin{aligned}(7c^2 + 6c^3) - (5c^3 + 3) \\ = c^3 + 7c^2 - 3\end{aligned}$$

$$\begin{aligned}(6c^4 - 9) - (3c^4 + 2 + 4c^3) \\ = 3c^4 - 4c^3 - 11\end{aligned}$$

$$\begin{aligned}(6y^4 - 8 + 3y^2) - (y + 4y^2 - 2) \\ = 6y^4 - y^2 - y - 6\end{aligned}$$

$$\begin{aligned}(5c^3 + 9) - (2c^3 - 7 + c^4) \\ = -c^4 + 3c^3 + 16\end{aligned}$$

$$\begin{aligned}(6s^4 + 5s^3 - 8) - (4s^3 - s^2 - 2) \\ = 6s^4 + s^3 + 3s^2 - 6\end{aligned}$$

$$\begin{aligned}(9r^4 + 2r^2 - 6) - (8r^4 - 3 - 7r) \\ = r^4 + 2r^2 + 7r - 3\end{aligned}$$

$$\begin{aligned}(8g^4 - 9g^5) - (3g^5 + 7g^4) \\ = -12g^5 + g^4\end{aligned}$$

$$\begin{aligned}(7r^4 + 6r^3 - 2) - (8r^3 + 5r^2 + 3) \\ = 7r^4 - 2r^3 - 5r^2 - 5\end{aligned}$$