

ADDING AND SUBTRACTING BINOMIALS

Add or subtract

① $(6p^4 - 2p^2) - (8p^3 - 14)$

② $(17c^5 + 2) + (9 - 14c^5)$

③ $(-6r^3 + 5r^4) - (16r^3 - 2r)$

④ $(-5m^6 - 21) - (-13m^6 - 1)$

⑤ $(7d^4 + 4d^3) + (-3 - 24d^2)$

⑥ $(4v^3 + 7v^2) + (3v^2 - 15v^3)$

⑦ $(11 - 3y) + (6y^6 + 9y)$

⑧ $(-6h^3 + 9h^2) - (-8h - 14)$

Answers

$$\textcircled{1} (6p^4 - 2p^2) - (8p^3 - 14)$$

$$\text{-----} 6p^4 - 8p^3 - 2p^2 + 14 \text{-----}$$

$$\textcircled{2} (17c^5 + 2) + (9 - 14c^5)$$

$$\text{-----} 3c^5 + 11 \text{-----}$$

$$\textcircled{3} (-6r^3 + 5r^4) - (16r^3 - 2r)$$

$$\text{-----} 5r^4 - 22r^3 + 2r \text{-----}$$

$$\textcircled{4} (-5m^6 - 21) - (-13m^6 - 1)$$

$$\text{-----} 8m^6 - 20 \text{-----}$$

$$\textcircled{5} (7d^4 + 4d^3) + (-3 - 24d^2)$$

$$\text{-----} 7d^4 + 4d^3 - 24d^2 - 3 \text{-----}$$

$$\textcircled{6} (4v^3 + 7v^2) + (3v^2 - 15v^3)$$

$$\text{-----} -11v^3 + 10v^2 \text{-----}$$

$$\textcircled{7} (11 - 3y) + (6y^6 + 9y)$$

$$\text{-----} 6y^6 + 6y + 11 \text{-----}$$

$$\textcircled{8} (-6h^3 + 9h^2) - (-8h - 14)$$

$$\text{-----} -6h^3 + 9h^2 + 8h + 14 \text{-----}$$