

Name: _____

Date: _____

Subtracting Binomials

Subtract the binomials.

① $(7m^5 + 2m^3) - (9m^3 + 16m^5)$

② $(3x^6 - 8x^5) - (-2x^6 + 20x^5)$

③ $(-21d^3 + 8d^2) - (-12d^6 + 19)$

④ $(5 + 15q^4) - (-3 - 7q^4)$

⑤ $(-17h^4 - 5n^2) - (16n^5 - 18n^4)$

⑥ $(-24s + 15) - (-7s + 18)$

⑦ $(2b^4 - 6b^3) - (13b^3 + 8b^4)$

⑧ $(-19v^4 - 1) - (v^4 - 1)$

Name: _____

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Subtracting Binomials

Answers

① $(7m^5 + 2m^3) - (9m^3 + 16m^5)$

$$\underline{\underline{-9m^5 - 7m^3}}$$

② $(3x^6 - 8x^5) - (-2x^6 + 20x^5)$

$$\underline{\underline{5x^6 - 28x^5}}$$

③ $(-21d^3 + 8d^2) - (-12d^6 + 19)$

$$\underline{\underline{12d^6 - 21d^3 + 8d^2 - 19}}$$

④ $(5 + 15q^4) - (-3 - 7q^4)$

$$\underline{\underline{22q^4 + 8}}$$

⑤ $(-17h^4 - 5n^2) - (16n^5 - 18n^4)$

$$\underline{\underline{-16n^5 + n^4 - 5n^2}}$$

⑥ $(-24s + 15) - (-7s + 18)$

$$\underline{\underline{-17s - 3}}$$

⑦ $(2b^4 - 6b^3) - (13b^3 + 8b^4)$

$$\underline{\underline{-6b^4 - 19b^3}}$$

⑧ $(-19v^4 - 1) - (v^4 - 1)$

$$\underline{\underline{-20v^4}}$$