



Adding Trinomials

Name _____

Score _____

AP:16

Add the trinomials.

1) $2k^2 - 5 + 3k$, $9 + 5k - 6k^2$

3) $u^3 + v - 3w$, $3w - v + 7u^3$

5) $-4mn + m - 6n$, $2 - n + mn$

7) $8a^3 - 1 - a^2$, $2a^4 + a^2 + a^5$

2) $x^2 + 3y^2 - 4z^2$, $8y^2 - 9z^2 + x^2$

4) $3t^5 + 4 + t$, $t^5 - t + 6$

6) $-d + 5d^3 - 2d^2$, $d^3 - d^2 + 10d$

8) $4g + gh + 8h$, $-h + g + gh$



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Answer key

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Add the trinomials.

1) $2k^2 - 5 + 3k$, $9 + 5k - 6k^2$

$$-4k^2 + 8k + 4$$

3) $u^3 + v - 3w$, $3w - v + 7u^3$

$$8u^3$$

5) $-4mn + m - 6n$, $2 - n + mn$

$$-3mn + m - 7n + 2$$

7) $8a^3 - 1 - a^2$, $2a^4 + a^2 + a^5$

$$a^5 + 2a^4 + 8a^3 - 1$$

2) $x^2 + 3y^2 - 4z^2$, $8y^2 - 9z^2 + x^2$

$$2x^2 + 11y^2 - 13z^2$$

4) $3t^5 + 4 + t$, $t^5 - t + 6$

$$4t^5 + 10$$

6) $-d + 5d^3 - 2d^2$, $d^3 - d^2 + 10d$

$$6d^3 - 3d^2 + 9d$$

8) $4g + gh + 8h$, $-h + g + gh$

$$2gh + 5g + 7h$$