



Adding Trinomials

Name _____

Score _____

AP:18

Add the trinomials.

1) $2p + 3q - 5r$, $4s - q + t$

3) $4m^3 + 6m - m^2$, $7m^2 + m^3 + m$

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

7) $-3z - 4xy + 1$, $5 + z - xy$

2) $n + 5n^2 - 1$, $1 - n + 10n^2$

4) $-u - v + w$, $3u + 5w + 3v$

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

8) $6d - 5d^5 + d^4$, $2d^4 - d + 2d^5$



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Answer key

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Add the trinomials.

1) $2p + 3q - 5r$, $4s - q + t$

$$2p + 2q - 5r + 4s + t$$

3) $4m^3 + 6m - m^2$, $7m^2 + m^3 + m$

$$5m^3 + 6m^2 + 7m$$

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

$$4c^2 + 6c + 12$$

7) $-3z - 4xy + 1$, $5 + z - xy$

$$-5xy - 2z + 6$$

2) $n + 5n^2 - 1$, $1 - n + 10n^2$

$$15n^2$$

4) $-u - v + w$, $3u + 5w + 3v$

$$2u + 2v + 6w$$

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

$$3g^4 + 3h^3$$

8) $6d - 5d^5 + d^4$, $2d^4 - d + 2d^5$

$$-3d^5 + 3d^4 + 5d$$