



Polynomials - Standard Form

Name _____

Score _____

IP:11

Write each polynomial in the standard form.

1) $gh - h^2 + 3 - 4g^2$

2) $5y - 6 + y^2$

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

4) $ab^2 - 1 + a^3 - b^3 - a^2b$

5) $uvw + v^2 - 10 - w^2 - u^4$

6) $-2 + 5k$

7) $t^2 + t^3 - 1 + 4t$

8) $m^2 - n^2 - m^2n^2$



Polynomials - Standard Form

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Answer key

IP:11

Write each polynomial in the standard form.

1) $gh - h^2 + 3 - 4g^2$

$$\textcolor{red}{-4g^2 - h^2 + gh + 3}$$

2) $5y - 6 + y^2$

$$\textcolor{red}{y^2 + 5y - 6}$$

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

$$\textcolor{red}{d^6 - 5d^5 - 4d^4 + d^3 - 8d^2 + 7}$$

4) $ab^2 - 1 + a^3 - b^3 - a^2b$

$$\textcolor{red}{a^3 - b^3 - a^2b + ab^2 - 1}$$

5) $uvw + v^2 - 10 - w^2 - u^4$

$$\textcolor{red}{-u^4 + uvw + v^2 - w^2 - 10}$$

6) $-2 + 5k$

$$\textcolor{red}{5k - 2}$$

7) $t^2 + t^3 - 1 + 4t$

$$\textcolor{red}{t^3 + t^2 + 4t - 1}$$

8) $m^2 - n^2 - m^2n^2$

$$\textcolor{red}{-m^2n^2 + m^2 - n^2}$$