



Polynomials - Standard Form

Name _____

Score _____

IP:10

Write each polynomial in the standard form.

1) $1 + x^5 - 3x - x^4 + 4x^2 - x^3$

2) $uv - 2 - u^3 - u^2v^2$

3) $n + 3mn$

4) $k^3 - 5k + 8 - k^2$

5) $2t + 3 - t^2$

6) $pq + p^2 - p^2q - 4 + q^4$

7) $11 - yz$

8) $b^3 - 6 - b^5 + 2b^6 - 7b^2$



Polynomials - Standard Form

Answer key

Name _____

Score _____

IP:10

Write each polynomial in the standard form.

1) $1 + x^5 - 3x - x^4 + 4x^2 - x^3$

$x^5 - x^4 - x^3 + 4x^2 - 3x + 1$

2) $uv - 2 - u^3 - u^2v^2$

$-u^3 - u^2v^2 + uv - 2$

3) $n + 3mn$

$3mn + n$

4) $k^3 - 5k + 8 - k^2$

$k^3 - k^2 - 5k + 8$

5) $2t + 3 - t^2$

$-t^2 + 2t + 3$

6) $pq + p^2 - p^2q - 4 + q^4$

$q^4 - p^2q + p^2 + pq - 4$

7) $11 - yz$

$-yz + 11$

8) $b^3 - 6 - b^5 + 2b^6 - 7b^2$

$2b^6 - b^5 + b^3 - 7b^2 - 6$