



## Degree of Polynomials

Name \_\_\_\_\_

Score \_\_\_\_\_

IP:23

Write the degree of each polynomial.

| Q. No | Polynomials                       | Degree of Polynomials |
|-------|-----------------------------------|-----------------------|
| 1)    | $m^3n^6$                          |                       |
| 2)    | $12k$                             |                       |
| 3)    | $-p + q^2r^5 - rs - s + p^3qr^2s$ |                       |
| 4)    | $t^2 - 1$                         |                       |
| 5)    | $u^4 - uv + 11 + u - v$           |                       |
| 6)    | $a + 1 + a^8$                     |                       |
| 7)    | $-5 + gh^4$                       |                       |
| 8)    | $w^3 - w^6 - 9 + w$               |                       |
| 9)    | $x^2 - xy - x^4y^3$               |                       |
| 10)   | $bcd + 3b + 2c - d$               |                       |



# Degree of Polynomials

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Score \_\_\_\_\_

## Answer key

IP:23

Write the degree of each polynomial.

| Q. No | Polynomials                       | Degree of Polynomials |
|-------|-----------------------------------|-----------------------|
| 1)    | $m^3n^6$                          | <b>9</b>              |
| 2)    | $12k$                             | <b>1</b>              |
| 3)    | $-p + q^2r^5 - rs - s + p^3qr^2s$ | <b>7</b>              |
| 4)    | $t^2 - 1$                         | <b>2</b>              |
| 5)    | $u^4 - uv + 11 + u - v$           | <b>4</b>              |
| 6)    | $a + 1 + a^8$                     | <b>8</b>              |
| 7)    | $-5 + gh^4$                       | <b>5</b>              |
| 8)    | $w^3 - w^6 - 9 + w$               | <b>6</b>              |
| 9)    | $x^2 - xy - x^4y^3$               | <b>7</b>              |
| 10)   | $bcd + 3b + 2c - d$               | <b>7</b>              |