

Classifying Polynomials

Name _____

Name each polynomial by degree and number of terms.



- | | | |
|----|-----------------------------|-------|
| 1 | $-6a^5 + 2a^3$ | _____ |
| 2 | $-10a^3$ | _____ |
| 3 | $-5n^3 + 10n - 10$ | _____ |
| 4 | $-10k^2 + 7k$ | _____ |
| 5 | $-4 - 2a^2 + 8a$ | _____ |
| 6 | $2x^2$ | _____ |
| 7 | $7n^4 - 2n^7$ | _____ |
| 8 | $-8n^4 + 5n^3 - 2n^2 - 8n$ | _____ |
| 9 | $4x - 9x^2 + 4x^3 - 5x^4$ | _____ |
| 10 | $8p^5 - 5p^3 + 2p^2 - 7$ | _____ |
| 11 | $10-9f$ | _____ |
| 12 | -6 | _____ |
| 13 | $p^4 + p^3$ | _____ |
| 14 | 15 | _____ |
| 15 | $9v^7 + 7v^6 + 4v^3 - 1$ | _____ |
| 16 | $6x$ | _____ |
| 17 | $9x^2 + 3x$ | _____ |
| 18 | $8a + 1$ | _____ |
| 19 | $5a^2 - 6a$ | _____ |
| 20 | $9n^5 - 8n^3$ | _____ |
| 21 | $9r^6 - 8$ | _____ |
| 22 | $-10k^4 + k^2 - k$ | _____ |
| 23 | -1 | _____ |
| 24 | $-10x^5$ | _____ |
| 25 | $10 + 8x$ | _____ |
| 26 | $7n^5 + 10n^4 - 3n + 10n^7$ | _____ |
| 27 | $4b^6 + 5b^5 + b^4$ | _____ |
| 28 | $4r^6 - 3r^2 - 8r^4$ | _____ |
| 29 | $2n^5$ | _____ |
| 30 | 4 | _____ |