

# Classifying Polynomials

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Classify each polynomial based on the number of terms.

1)  $8x + 6y - 9z$

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2)  $4a - a^2b - 3b + 14$

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3)  $p + qr$

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4)  $m^2n$

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5)  $r^3s + 7s^2 + r^2 - 2rs + 4s - 3t$

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6)  $u - 6u^2 + 4u^3 - 15 + u^4$

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Classify each polynomial based on the degree.

1)  $-7a + 5a^3bc + 3ca - 12$

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2)  $11 - uv - 4v + u^4$

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3)  $-13$

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4)  $xy + 6x$

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5)  $-11r + 4s + 7t$

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6)  $p + 3q^3 + 4pqr - 9$

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