Identifying Polynomials

Name _____

Score _____

IP:01

Identify whether the given algebraic expression is polynomial or not.

1) $xz^2 - 9$ a) polynomial b) not a polynomial

2) $2a^5bc^7$ a) polynomial b) not a polynomial

3) $3 + \sqrt{m} + n^2 - mn + m^6$ a) polynomial b) not a polynomial

4) $-k^7 + 2k^{\frac{1}{2}} - 5k + 2$ a) polynomial b) not a polynomial

5) 12 a) polynomial b) not a polynomial

6) $xy^4 - y^3z^2 + x^5y^2z^{-7}$ a) polynomial b) not a polynomial

7) $t + \sqrt{8}$ a) polynomial b) not a polynomial

8) $\frac{2}{b} - 9 + cd - c^4 + d$ a) polynomial b) not a polynomial

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Answer key

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