

Name: _____ Hour: _____ Date: _____

End Behavior Practice

- DIRECTIONS: 1) Write each polynomial in *standard form*.
2) Classify the polynomial by both its *degree* AND *number of terms*.
3) Describe the *end behavior* of the polynomial. State what *a* and *n* are...+/- and odd/even.

1) $4x + x + 2$

Standard Form:

Classification:

End Behavior:

2) $-3 + 3x - 3x^2$

Standard Form:

Classification:

End Behavior:

3) $6x^4 - 1$

Standard Form:

Classification:

End Behavior:

4) $1 - 2s + 5s^4$

Standard Form:

Classification:

End Behavior:

5) $5m^2 - 3m^2$

Standard Form:

Classification:

End Behavior:

6) $8x^2 + 3x - 4x^3$

Standard Form:

Classification:

End Behavior:

7) $-1 + 2x^2$

Standard Form:

Classification:

End Behavior:

8) $5m^2 - 3m^3$

Standard Form:

Classification:

End Behavior:

9) $5x - 7x^2$

Standard Form:

Classification:

End Behavior:

10) $2 + 3x^2 - 2$

Standard Form:

Classification:

End Behavior:

11) $6 - 2x^3 - 4 + x^3$

Standard Form:

Classification:

End Behavior:

12) $6x - 7x$

Standard Form:

Classification:

End Behavior: