## **Answer Presentation Tool**

Book Algebra 2 - Student Edition ▼ Chapter 4 ▼

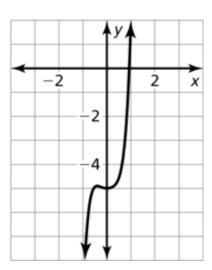
Section Chapter Review ▼

Exercises 1-14 (44 exercises)

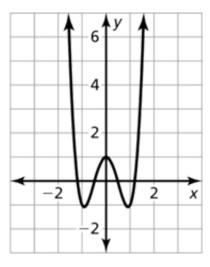
Display Cols 1 ▼ Show Answers

- 1. polynomial function;  $h(x) = -15x^7 x^3 + 2x^2$ ; It has degree 7 and has a leading coefficient of -15.
- 2. not a polynomial

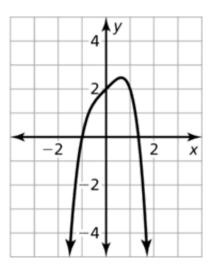
3.



4.



5.



**6.** 
$$4x^3 - 4x^2 - 4x - 8$$

7. 
$$3x^4 + 3x^3 - x^2 - 3x + 15$$

8. 
$$2x^2 + 11x + 1$$

9. 
$$2y^3 + 10y^2 + 5y - 21$$

10. 
$$8m^3 + 12m^2n + 6mn^2 + n^3$$

11. 
$$s^3 + 3s^2 - 10s - 24$$

12. 
$$m^4 + 16m^3 + 96m^2 + 256m + 256$$

**13.** 
$$243s^5 + 810s^4 + 1080s^3 + 720s^2 + 240s + 32$$

**14.** 
$$z^6 + 6z^5 + 15z^4 + 20z^3 + 15z^2 + 6z + 1$$

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