

EXERCISES

Determine by inspection the end behavior of the graph of each function.

1. $y = 3x + 2$

2. $y = 4x^3$

3. $g(t) = -t^2 + t$

4. $f(x) = 2x + x^5$

5. $g(x) = x^6$

6. $y = 3x^5 - 4x^4$

7. $y = -7x^8$

8. $f(x) = \frac{1}{2}x^4 - 2$

9. $y = -\frac{1}{2}x^3 + 4x^2 + x - 1$

10. $g(x) = x - x^3 + 5$