

Find the real zeros of each function using the calculator.

1. $f(x) = 2x^2 + 5x - 3$

$$x = -3, \frac{1}{2}$$

2. $f(x) = -x^2 - x + 20$

$$x = -5, 4$$

3. $f(x) = x^3 + 5x^2 - 7$

$$x = -4.68, -1.39, 1.07$$

4. $f(x) = -2x^4 - 3x^3 + 5x^2 + 1$

$$x = -2.52, 1.11$$

5. $f(x) = 2\ln(x+3) - 2$

$$x = -0.28$$

6. $f(x) = e^{x-1} - 3$

$$x = 2.10$$

7. $f(x) = -2\ln(x+1) + 4$

$$x = 6.39$$

8. $f(x) = -3e^{x-2} + 4$

$$x = 2.29$$