

Solving Equations Graphically and Numerically - Worksheet

NAME:

DATE:

1. Use graphical approximation (a root finder or an intersection finder) to find a solution of the equation.

(a) $\frac{1}{3}x^5 + 5 = 3x^4 + x$

(b) $6x^3 - 5x^2 + 3x - 2 = 0$

(c) $x^3 - 3x^2 + x - 1 = 0$

(d) $\frac{1}{4}x^4 - x - 4 = 0$

2. Use numerical methods to find all the real solutions of $x^5 - 3x + 3 = 0$.