

Divide Using the method of Long Division.

1.  $(x^2 - 13x - 48) \div (x + 3)$

2.  $(2x^2 + x - 7) \div (x - 5)$

3.  $(6x^3 + 2x^2 - 11x + 12) \div (3x + 4)$

4.  $(2x^4 + 3x^3 - 4x^2 + x + 1) \div (2x - 1)$

5.  $(x^2 - 3x + 1) \div (x - 4)$

6.  $(3x^3 - 2x^2 + 2x + 1) \div \left(x + \frac{1}{3}\right)$