

Homework – Synthetic Division #2

Divide

$$1) \frac{x^3 - 14x + 8}{x + 4}$$

$$2) (x^2 + 10) \div (x + 4)$$

$$3) \frac{x^4 - 6x^3 - 40x + 33}{x - 7}$$

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

$$5) (x^3 - 7x - 6) \div (x - 2)$$