

Divide $f(x)$ by $d(x)$ by using long division, and write a summary statement in polynomial form and fraction form.

$$f(x) = x^3 + 10x^2 + 13x + 36 \quad d(x) = x + 9$$

Divide $f(x)$ by $d(x)$ by using long division, and write a summary statement in polynomial form and fraction form.

$$f(x) = 3x^2 + 18x - 46 \quad d(x) = 3x + 6$$

Divide $f(x)$ by $d(x)$ by using long division, and write a summary statement in polynomial form and fraction form.

$$f(x) = 15x^3 + 37x^2 + 53x + 55 \quad d(x) = 3x + 5$$

Divide $f(x)$ by $d(x)$ by using long division, and write a summary statement in polynomial form and fraction form.

$$f(x) = 4x^3 - 3x^2 + x + 1 \quad d(x) = x^2 + x + 1$$

Divide $f(x)$ by $d(x)$ by using long division, and write a summary statement in polynomial form and fraction form.

$$f(x) = -3x^4 - 2x - 1 \quad d(x) = x - 1$$

Divide $f(x)$ by $d(x)$ by using synthetic division, and write a summary statement in polynomial form and fraction form.

$$f(x) = x^3 + 13x^2 + 42x + 54 \quad d(x) = x + 9$$

Divide $f(x)$ by $d(x)$ by using synthetic division, and write a summary statement in polynomial form and fraction form.

$$f(x) = 2x^3 + 3x^2 - 2x - 3 \quad d(x) = 2x + 3$$

Divide $f(x)$ by $d(x)$ by using synthetic division, and write a summary statement in polynomial form and fraction form.

$$f(x) = 2x^3 - 2x^2 + 7x \quad d(x) = 2x - 2$$

Divide $f(x)$ by $d(x)$ by using synthetic division, and write a summary statement in polynomial form and fraction form.

$$f(x) = 3x^2 - 14 \quad d(x) = x - 2$$