Divide Polynomials by Binomials

Divide each polynomial. Put remainders in fractional forms.

$$\left(-2h^3-18h^2-14h+8\right)\div\left(h+1\right)$$

$$\left(3p^3-13p^2+18p+13\right)\div\left(p-6\right)$$

$$\left(-2c^3-19c^2-19c-13\right)\div\left(c+6\right)$$

Divide Polynomials by Binomials

Divide each polynomial. Put remainders in fractional forms.

$$\left(-2h^3-18h^2-14h+8\right)\div\left(h\ +\ 1\right)$$

$$=-2h^2-16h+2\ +\frac{6}{h+1}$$

$$\left(3p^3-13p^2+18p+13\right)\div\left(p-6\right)$$

$$=3p^2\ +\ 5p\ +\ 48\ +\ \frac{301}{p-6}$$

$$\left(-2c^3-19c^2-19c-13\right)\div\left(c+6\right)$$

$$=-2c^2-7c+23-\frac{151}{c+6}$$