**1F/G Top Heavy Fractions**

1. Given that $\frac{x^{3}+x^{2}-7}{x-3}≡Ax^{2}+Bx+C+\frac{D}{x-3}$, find the values of $A$, $B$, $C$ and $D$

1. Given that:

$$x^{4}+x^{3}+x-10≡\left(Ax^{2}+Bx+C\right)\left(x^{2}+2x-3\right)+Dx+E$$

find the values of $A$, $B$, $C$, $D$ and $E$.

1. Split

$$\frac{3x^{2}-3x-2}{(x-1)(x-2)}$$

 into partial fractions