**7B Polynomial Division**

1. Divide x3 + 2x2 – 17x + 6 by (x – 3)
2. Given that $f\left(x\right)=4x^{4}-17x^{2}+4$, write $f\left(x\right)$ in the form:

 $f\left(x\right)=(2x+1)(ax^{3}+bx^{2}+cx+d)$

1. Find the remainder when $2x^{3}-5x^{2}-16x+10$ is divided by $(x-4)$