Binomial Assessment

Expand and simplify $(n+2)^3 - n^3$.

(ii) Find the coefficient of x^3 in the expansion of $(3 - 2x)^5$.

(i) Evaluate 5C_3 .

3

6

		Jan 10	
8	Find the binomial expansion of $\left(x + \frac{5}{x}\right)^3$, simplifying the terms.	oan 10	[4]
7	Expand $(1 + \frac{1}{2}x)^4$, simplifying the coefficients.	Jun 10	[4]
6	Find the first 3 terms, in ascending powers of x , of the binomial expansion of (2 each term.	Jan 11 $-3x)^5$, simpli	ifying [4]
5	Find the coefficient of x^4 in the binomial expansion of $(5 + 2x)^6$.	Jun 11	[4]
		Jan 12	

[3]

[1]

[4]

Jun 12

6 The binomial expansion of $\left(2x + \frac{5}{x}\right)^6$ has a term which is a constant. Find this term.

Jun 13

[4]

[4]

[4]

[4]

6 Find the coefficient of x^3 in the binomial expansion of $(2-4x)^5$.

Jun 14

7 Find the coefficient of x^4 in the binomial expansion of $(5+2x)^7$.

Jun 15

7 Find and simplify the binomial expansion of $(3x-2)^4$.