## Crack the code

## Binomial Expansion

Find the coefficients of all terms in the expansion of

A $(x+1)^{3}$

Find the coefficients of all terms in the expansion of
C $\quad(x-1)^{5}$

Find the coefficients of all terms in the expansion of
E $\quad(3+x)^{3}$

Find the coefficient of the $x^{5}$ term in the expansion of
G $\quad(x+5)^{6}$

B

D

Find the coefficients of all terms in the expansion of

## F

Find the coefficient of the $x$ term in the expansion of
$(2+x)^{7}$

Find the coefficients of all terms in the expansion of
$(2 x+1)^{3}$
Find the coefficients of all terms in the expansion of $(x+2)^{4}$

Find the coefficient of the $x^{3}$ term in the expansion of
$(x-7)^{4}$

Find the coefficient of the $x^{3}$ term in the expansion of
$(1-2 x)^{5}$

The coefficient of the $x^{2}$ term in the expansion of $(2 x-b)^{5}$ is -13720 . Find $b$.

To get the three-digit code, add together all your answers.

