TRIGONOMETRIC FUNCTIONS



POLYNOMIAL MODELS



Binomial theorem (AA, SL/HL)

1. Find the term containing *x*10 in the expansion of (5 + 2*x*2)7.

2. Consider the expansion of 

(a) How many terms are there in this expansion?

 (b) Find the constant term in this expansion.

3. Consider the binomial expansion 

(a) By substituting *x* = 1 into both sides, or otherwise, evaluate 

(b) Evaluate .