***Solution*** ***Section* 1.1 – The Binomial Theorem**

***Exercise***

Find the fifth term in the expansion 

***Solution***





***Exercise***

Find the term involving in the binomial expansion 

***Solution***

***Given***: 









***Exercise***

Use the binomial theorem to expand and simplify: 

***Solution***







***Exercise***

Use the binomial theorem to expand and simplify: 

***Solution***



***Exercise***

Use the binomial theorem to expand and simplify: 

***Solution***



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***Solution***







***Exercise***

Use the binomial theorem to expand and simplify: 

***Solution***









***Exercise***

Expand and simplify: 

***Solution***





***Exercise***

Expand and simplify: 

***Solution***





***Exercise***

Expand and simplify: 

***Solution***





***Exercise***

Expand and simplify: 

***Solution***





***Exercise***

Expand and simplify: 

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Expand and simplify: 

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***Exercise***

Expand and simplify: 

***Solution***





