
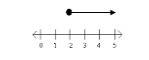
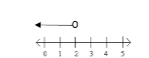

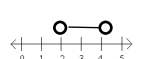
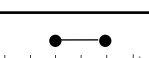


Unit 1- Sequences

No.	Question	Answer
1.1	What is the position-to-term rule?	This is the rule that can be applied to a term to get the next term
1.2	What is the nth term?	An algebraic expression giving the rule to find any number in a sequence
1.3	What is the term (in a sequence)?	The numbers in a sequence
1.4	What does consecutive mean?	Next to e.g. 5 and 6 are consecutive
1.5	What is a linear or arithmetic sequence?	A sequence that increases or decreases by the same amount between terms
1.6	What is the common difference?	The difference between any two consecutive terms

Unit 3 – forming and solving inequalities

No.	Question	Answer	Example
3.1	$>$	Greater than	
3.2	$<$	Less than	
3.3	$x > 2$	x is greater than 2	
3.4	$x \geq 2$	x is greater than or equal to 2	
3.5	$x < 2$	x is less than 2	
3.6	$x \leq 2$	x is less than or equal to 2	
3.7	$2 < b < 4$	b is greater than 2 and smaller than 4	
3.8	$2 \leq b \leq 4$	b is greater than or equal to 2 and smaller than or equal to 4	

Unit 2 – forming and solving equations

No.	Question	Answer
2.1	What is a variable?	A letter used to represent an unknown number e.g. x
2.2	What is a term?	Each part of an expression e.g. $2x$; 4 ; x^2
2.3	What is the constant?	The number on its own without a letter whose value does not change
2.3	What is an expression?	A mixture of numbers and letters e.g. $2x + 5$
2.4	What is an equation?	Two expressions equal to one another e.g. $2x + 5 = 10$
2.5	What is a coefficient?	The number in front of the variable e.g. $2x$ (2 is the coefficient of x)
2.6	What does substitute mean?	Replace the variable with a number
2.7	What does solve mean?	Find the variable
2.8	What are like terms?	Terms that have the same letter and same index e.g. $2x^2$ and $5x^2$
2.9	What does simplify mean?	Collect the like terms e.g. $2x^2 + 5x^2 = 7x^2$