

AO6: For a linear equation, convert between equations, tables and graphs

Pre-Test Questions

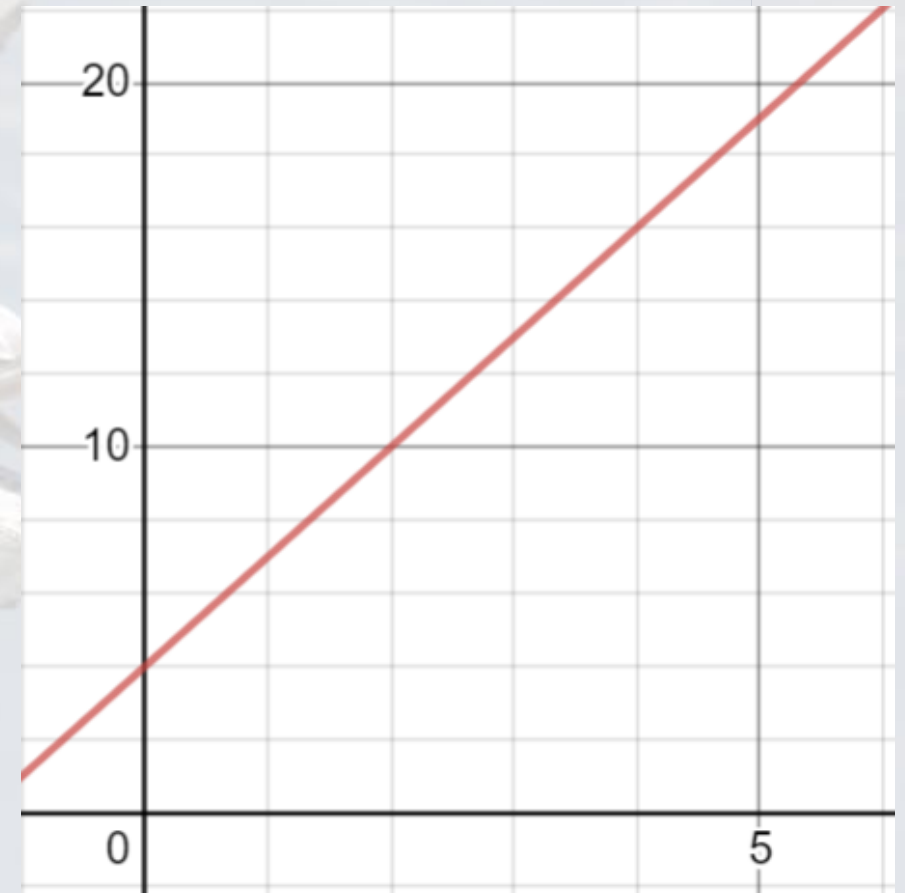
Complete the table

$y = 2x + 4$	
x	y
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	

Identify the formula

$y =$	
x	y
-4	-6
-3	-3
-2	0
-1	3
0	6
1	9
2	12
3	15
4	18

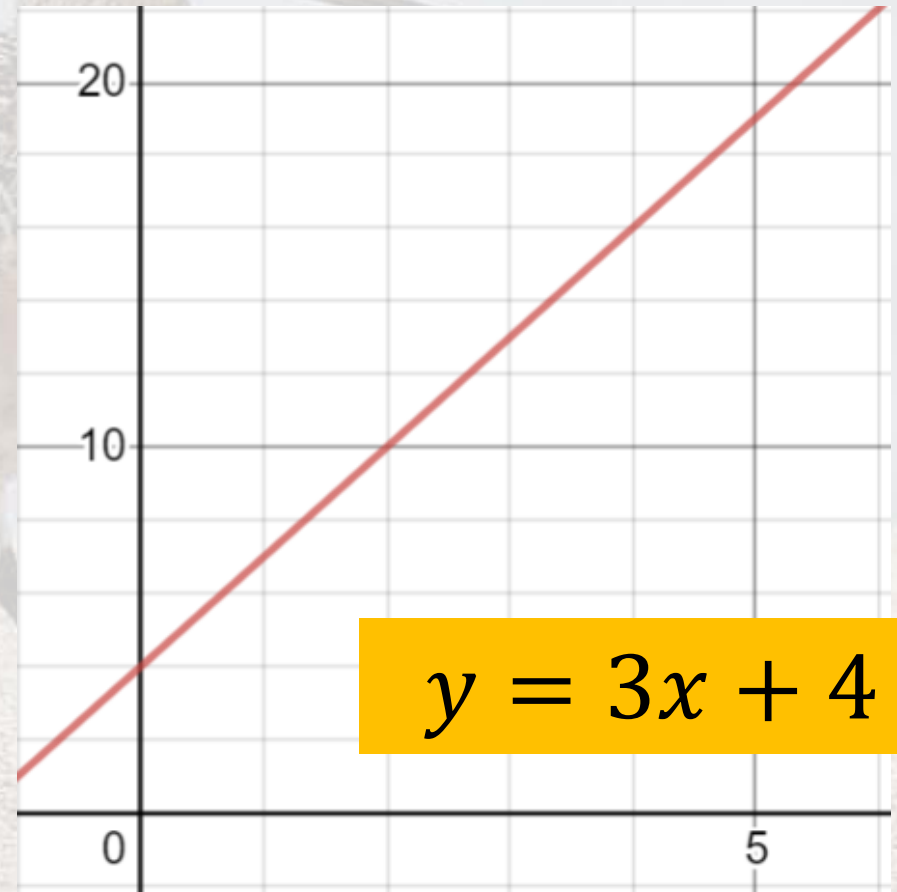
Identify the formula of the line



AO6: For a linear equation, convert between equations, tables and graphs
Pre-Test Answers

$y = 2x + 4$	
x	y
-4	-4
-3	-2
-2	0
-1	2
0	4
1	6
2	8
3	10
4	12

$y = 3x + 6$	
x	y
-4	-6
-3	-3
-2	0
-1	3
0	6
1	9
2	12
3	15
4	18



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Post-Test Questions

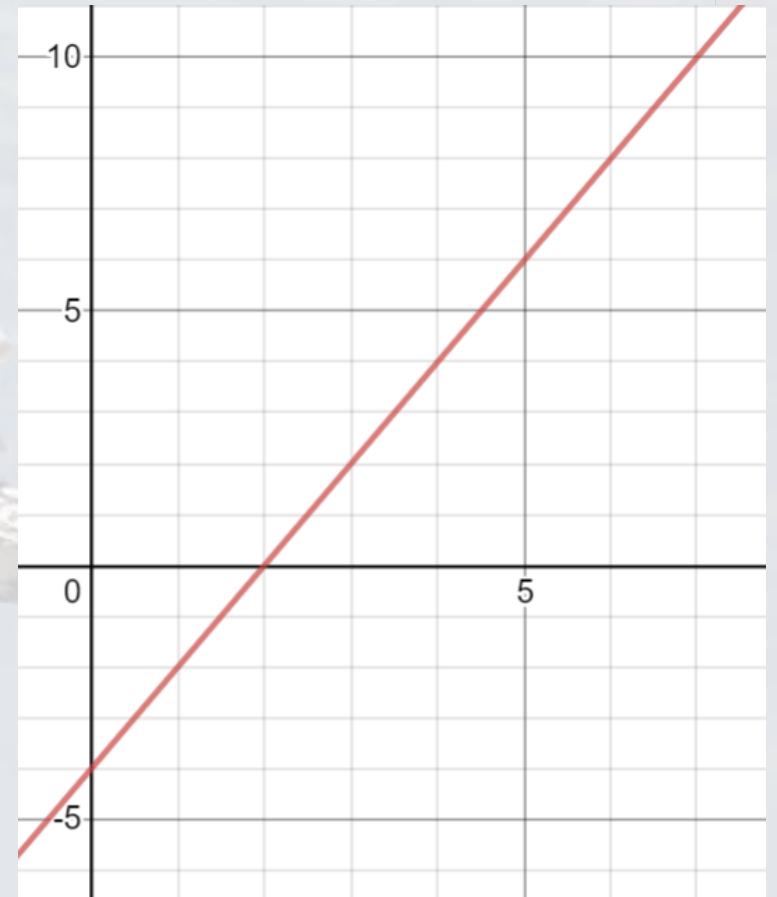
Complete the table

$y = 2x - 3$	
x	y
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	

Identify the formula

$y =$	
x	y
-4	-19
-3	-15
-2	-11
-1	-7
0	-3
1	1
2	5
3	9
4	13

Identify the formula of the line



AO6: For a linear equation, convert between equations, tables and graphs
Post-Test Answers

$y = 2x - 3$	
x	y
-4	-11
-3	-9
-2	-7
-1	-5
0	-3
1	-1
2	1
3	3
4	5

$y = 4x - 3$	
x	y
-4	-19
-3	-15
-2	-11
-1	-7
0	-3
1	1
2	5
3	9
4	13

$y = 2x - 3$	
x	y
-4	-11
-3	-9
-2	-7
-1	-5
0	-3
1	-1
2	1
3	3
4	5

$y = 2x - 4$