

Linear and non-linear relationships

Topic 1: Tables of values

QUESTION 1 Complete each table of values.

a $y = x - 1$

x	y
0	
1	
2	
3	

b $y = 2x + 1$

x	y
-1	
0	
1	
2	

c $y = 3x + 2$

x	y
-2	
-1	
0	
1	

d $y = x + 1$

x	y
-1	
0	
1	
2	

e $y = x + 5$

x	y
-2	
-1	
0	
1	

f $y = 2x - 3$

x	y
-1	
0	
1	
2	

QUESTION 2 Complete each table of values.

a $y = 3x - 1$

x	y
-1	
0	
1	
2	

b $p = 2q - 1$

q	p
-1	
0	
1	
2	

c $c = 3d + 5$

d	c
-1	
0	
1	
2	

d $m = 2n - 4$

n	m
-1	
0	
1	
2	

e $s = 5t - 4$

t	s
-1	
0	
1	
2	

f $a = 4b - 5$

b	a
-1	
0	
1	
2	