Linear Functions												
ACMNA215 – Assessment									Teachers Teaching with Technology" Professional Development from Texas Instruments			
Name:						As	ssessment		Navigator	Student	30 m	in
Score:												
Teacher:												
Q.1.	The	e straight line o	equatio	y = 2	2x+3 has a	gradier	nt of:					
	a)	1	b)	2	c)	3		d)	4	e)	5	
Q.2.	The	e straight line o	equatio	on $y = 4$	4x - 2 has a	y inter	cept:					
	a)	(0, 2)	b)	(0, -2)	c)	(4, 0)		d)	(-2, 0)	e)	(2, 0)	
Q.3.	The	equation for th	e grapł	n opposite	e could be:					¢ν	/	
	a)	y = x		b)	y = -x							
	c) e)	y = -x + 1 $y = x + 1$		d)	y = x - 1							x
	0)	,										
Q.4.	The	The equation for the graph opposite could be:								$\uparrow^{\nu}$		
	a)	y = x		b)	y = -x							
	c) e)	y = 2 $y = x + 1$		d)	<i>y</i> = -2							
	-,											
Q.5.	The	e straight line o	equation	on $2x +$	3y = 6 has	a y inte	rcept:					
	a)	(0, 1)	b)	(0, 2)	c)	(0, 3)		d)	(2, 0)	e)	(0, 6)	
Q.6.	The	e straight line o	equation	on $4x +$	3y = 12 has	s an <i>x</i> ir	ntercept:					
	a)	(1, 0)	b)	(2, 0)	c)	(3, 0)		d)	(12, 0)	e)	(0, 3)	
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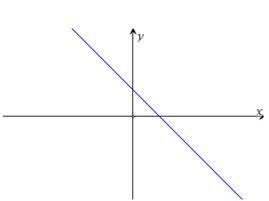
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- Q.7. The gradient of the line equation connecting points (2, 3) and (4, 7) is:
  - a) -2 b) -1 c) 1 d) 2 e) 4
- Q.8. The straight line equation passing through the points: (2, 5) and (2, 8) is:

a) 
$$x = 2$$
 b)  $y = 2$  c)  $y = 3x - 1$  d)  $y = 3x + 1$  e)  $y = 3x$ 

- Q.9. The equation for the graph opposite could be:
  - a) y = 2 x b) y = x 2
  - c) y = -x 2 d) y = -2x
  - e) x = -2y



Q.10. Which one of the following would not produce a straight line graph?

a) y = 2x b) y = 3 c) x = -2 d) 2x + 4y = 0 e) xy = 1

