Linear Functions

							
	Student	Equation			Student	Respon	ise
	Esther	y = x(x-4)			Adeline	y =	1 r
	Hunter	y = 45x - 33			Chase	y = (
	Riley	y = 3x + 1,300			Мае	y =	Tr.
	Sydney	$y = -50 + \frac{3}{4}x$			Saul	y = y	
Which student writes a nonlinear equ	uation?				Saul	y - x	
			Which stude	ent's response represents a line	ar function?		
	ine linear functi	ons? Select all that appl	y. 14. Direction in each r	ns: Determine if each function is leave.	inear or nonlinear.	Select the correct	t cell
$A = m^2$				Function	Lincor	Nonlinear	
 © C = 2πr O 2 = μ = 4 				Function $y = x^2 - 4$	Linear	o	
© $8x - y = 4$ © $y = -2x + 5$							
(c) $y + 9 = 3x^2 + 6x$				y = -2x + 1	0	0	
(c) $y = y = -3x + 6x$ (c) $y = 2x(x+7) - 5$				$y = \frac{3}{x}$	o	о	
0, 24(411), 5				$y = \frac{x}{3}$	o	o	
Which function is NOT linear?			Which fu	unction is linear?			
			Α	$y = \frac{1}{x} + 7$			
$A \qquad y = x + x$				y = x + 7			
B $y = \sqrt{3}x$							
c <u>1</u>			В	$y = x^2 - 2$			
c $y = \frac{1}{2}x$			c	$y = 7^{x} - 1$			
			D	$y = \frac{2x}{3} - 7$			
D y = 2x				y= 3 - 7			

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