

×+y Algebra: Linear Function with Inte	rcepts Name:
^{#4} Choose the best a	nswer
The city produces 10 jobs every year equation to show the relationship bet many jobs are produced each year, an number of jobs u if there are already 1 a y=1x+1	v. Write an ween how Id the total vailable. e.g.
\bigcirc 1v=-10+u \bigcirc u	=10v + 1
\bigcirc u=1v-10 \bigcirc	10v=1u Show your work
The International Space Station (solar panels and batteries for its p the ISS is in the shadow of the Earl drains at a rate of 6 power units p the formula to relate the number the amount of power loss g if the power units from a solar flare. e	ISS) relies on power. When th, the battery er hour. Find of hours h to e ISS gains 9 .g. $y=1x+5$ Show your work
^{#6} Choose the best a	nswer
Jacktown is going through an economic dow are being lost at a rate of 5 per month. As t Jacktown you need to write a formula to rela of months c to the number of jobs lost b if th time loss of 1 job due to a factory explosio	nturn and jobs he mayor of te the number ere was a one n. e.g. y=1x
○ 5c=−1b ○ b=	= -5c - 1
\bigcirc 1c=5-b \bigcirc b	b=1c+5 Show your work

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x+yAlgebra: Linear Function with InterceptsAnswer Ke			
	Question	Answer	
	#1	e=14f-6	
	#2	p=-11q+2	
	#3	o=-19p-8	
	#4	choice 2	
	#5	g=-6h+9	
	#6	choice 2	
	#7	k=16l-7	
	#8	choice 4	
	#9	choice 2	
	#10	d=-18e-7	
	#11	choice 1	
	#12	c=-3d+6	

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