Name_		Date	Period	Score
	Z – Score: # of standard deviation aw	ay from the mean.		
	FORMULA: z-score = $-\frac{Vz}{2}$	$\frac{1}{\sigma}$		
1.	A distribution for scores has a standard Find the z-scores corresponding to each		es:	1.
	a) A score of 60 and mean of 40.			a)
	b) A score of 80 and mean of 30.			b) c)
	c) A score of 20 and mean of 50.			d)
	d) A score 30 points below the mean	n.		

2.		nen's heights have a mean of 63.6 inches and a standard deviation of nches.	2.
	a)	Find the z-score of a height of 67 inches.	a)
	b)	Find the z-score of a height of 72 inches.	b)
	c)	Find the z-score of a height of 44 inches.	c)
	d)	What is the height that is 2 standard deviations BELOW the mean?	d)
3.		e students take equivalent stress tests in different groups. ulate the z-score for each of the following:	3.
	a)	A score of 144 with a mean of 128 and standard deviation of 34.	a)
	b)	A score of 90 with a mean of 80 and standard deviation of 18.	b)
	c)	A score of 18 with a mean of 15 and standard deviation of 5.	c)
	d)	Which of these 3 had the "highest relative score" (i.e. largest z- score?)	d)