

**SBAC Block Mirror: Math High School - Statistics and Probability (AE136535)**

Item Number	Item ID	Item Type	Standard Abbreviation	Standard Text	Cluster	Claim	Target(s)	Correct Answer	DOK
1	E188170	Multiple Choice	MA.9-12.S-ID.A.1	Represent data with plots on the real number line (dot plots, histograms, and box plots).	MA.9-12.S-ID.A	1	P	D	2
2	E263917	Multiple Choice	MA.9-12.S-ID.A.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.	MA.9-12.S-ID.A	1	P	B	2
3	E236446	Technology Enhanced - Cloze Association	MA.9-12.S-ID.A.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.	MA.9-12.S-ID.A	2	A, B	autoscore	2
4	E263976	Technology Enhanced - Cloze Dropdown	MA.9-12.S-ID.A.3	Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).	MA.9-12.S-ID.A	4	A, D	autoscore	2
5	E263978	Multiple Choice	MA.9-12.S-ID.A.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.	MA.9-12.S-ID.A	4	D, A	C	2
6	E264094	Technology Enhanced - Sort List	MA.9-12.S-ID.A.4	Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize that there are data sets for which such a procedure is not appropriate. Use calculators, spreadsheets, and tables to estimate areas under the normal curve.	MA.9-12.S-ID.A	2	D, A	autoscore	2
7	E264097	Multiple Choice	MA.9-12.S-ID.A.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.	MA.9-12.S-ID.A	2	A, D	B	2
8	E263940	Technology Enhanced - Simple Chart	MA.9-12.S-ID.A.1	Represent data with plots on the real number line (dot plots, histograms, and box plots).	MA.9-12.S-ID.A	1	P	autoscore	2
9	E263920	Technology Enhanced - Cloze Association	MA.9-12.S-ID.A.3	Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).	MA.9-12.S-ID.A	1	P	autoscore	2
10	E263979	Technology Enhanced - Cloze Dropdown	MA.9-12.S-ID.A.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.	MA.9-12.S-ID.A	4	C, D	autoscore	2
11	E193409	Multiple Choice	MA.9-12.S-ID.A.4	Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize that there are data sets for which such a procedure is not appropriate. Use calculators, spreadsheets, and tables to estimate areas under the normal curve.	MA.9-12.S-ID.A	1	P	A	2
12	E263924	Technology Enhanced - Cloze Association	MA.9-12.S-ID.A.3	Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).	MA.9-12.S-ID.A	1	P	autoscore	2

Totals (SBAC bp)	Claim 1	6
	Claim 2	3
	Claim 3	0
	Claim 4	3