

DCAS-Alt1 Released Task

Content Area: Math	Grade Band: HS
Name of task: Task 1: Movie Tickets and Sandwiches	Number of Items in Task: 6
<p>Description of task:</p> <p>For each item, the student is presented with a poster with a menu of prices. The student is asked questions related to the prices shown on the poster. The student will use his/her mode of communication to select the answer from an array of options.</p>	
<p>Standards addressed in this task:</p> <p>Statistics and Probability – Interpreting Categorical and Quantitative Data (ID)</p> <p>(HS.2) Use statistic 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.</p> <p>Essence: Use measures of center to compare data</p> <p>E1: Given a data set involving numbers less than 100, compute mean (average), median, or mode.</p> <p>E2: Given a data set involving numbers less than 100, select the appropriate mean (average), median, or mode from given options.</p> <p>E3: Given a data set involving numbers less than 20, select the appropriate mean (average) from given options.</p>	
<p>Connections to academic instruction:</p> <ul style="list-style-type: none"> • Decimals • Find the average • Finding the mean • Finding the median • Place value 	
<p>Real life application:</p> <ul style="list-style-type: none"> • Analyzing sports scores • Creating comparison charts for a purpose • Creating and managing a budget • Money management 	