Big Idea (

TEKS 8.11.B

BIG IDEAS

For Your Notebook

Finding Probabilities of Simple and Compound Events

To find <i>P</i> (<i>A</i>) when		
all outcomes are equally likely, use $P(A) = \frac{\text{Number of favorable outcomes}}{\text{Number of possible outcomes}}$	you perform an experiment, use $P(A) = \frac{\text{Number of successes}}{\text{Number of trials}}$	
To find <i>P</i> (<i>A</i> or <i>B</i>) when	use this formula	
events <i>A</i> and <i>B</i> have no common outcomes	P(A or B) = P(A) + P(B)	
events <i>A</i> and <i>B</i> have at least one common outcome	P(A or B) = P(A) + P(B) - P(A and B)	
To find P(A and B) when	use this formula	

To find <i>P</i> (<i>A</i> and <i>B</i>) when	use this formula
events A and B are independent	$P(A \text{ and } B) = P(A) \cdot P(B)$
events A and B are dependent	$P(A \text{ and } B) = P(A) \cdot P(B \text{ given } A)$

Analyzing Sets of Data

You can find values that represent a typical data value using the following measures of central tendency:

mean, median, and mode

You can find values that describe the spread of data using the following measures of dispersion:

range, mean absolute deviation, and interquartile range

Making and Interpreting Data Displays

Use an appropriate display to show the distribution of a set of numerical data.





Big Idea [2]

текз 8.12.А