

Domain	Cluster and Standard	Description	A Statistical Odyssey	A Statistical Odyssey Worksheets and Lesson Plans
RP	A3	Use proportional relationships to solve multistep ratio and percent problems. Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SP	A1	Understand that statistics can be used to gain information about a population by examining a sample of the population; generalizations about a population from a sample are valid only if the sample is representative of that population. Understand that random sampling tends to produce representative samples and support valid inferences.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SP	C5	Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring. Larger numbers indicate greater likelihood. A probability near 0 indicates an unlikely event, a probability around $\frac{1}{2}$ indicates an event that is neither unlikely nor likely, and a probability near 1 indicates a likely event.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>