

		Lesson Plan/ Student Book	Skill Builders
a.	compare and contrast the probability of independent and		55-4
	dependent events; and		
b.	determine probabilities for independent and dependent events.	33, 76, 77	47-1, 55-1, 55-3, 55- 4
8.12	The student will		
a.	represent numerical data in boxplots;	71	
b.	make observations and inferences about data represented in boxplots; and	71	54-2
c.	compare and analyze two data sets using boxplots.	71	54-2
8.13	The student will		
a.	represent data in scatterplots;	94, 96	
b.	make observations about data represented in scatterplots; and	94, 95, 96	60-1
с.	use a drawing to estimate the line of best fit for data represented in a scatterplot.	96	
	PATTERNS, FUNCTIONS, AND ALGEBRA		
8.14	The student will		
а.	evaluate an algebraic expression for given replacement values of		
	the variables; and		
b.	simplify algebraic expressions in one variable.		48-1, 48-3, 50-4
8.15	The student will		
а.	determine whether a given relation is a function; and	82	57-1
b.	determine the domain and range of a function.		
8.16	The student will		
а.	recognize and describe the graph of a linear function with a slope that is positive, negative, or zero:	83	57-2
b.	identify the slope and y-intercept of a linear function, given a table of values, a graph, or an equation in $v = mx + b$ form:	87, 88	58-1, 58-2, 58-3, 58- 5
с.	determine the independent and dependent variable, given a practical situation modeled by a linear function:	64, 65	
d.	graph a linear function given the equation in $v = mx + b$ form: and	85. 87. 88	58-1. 58-2
e.	make connections between and among representations of a linear function using verbal descriptions, tables, equations, and graphs	85	52-3, 57-3
8.17	The student will solve multistep linear equations in one variable on one or both sides of the equation, including practical problems that require the solution of a multistep linear equation in one variable.	56, 57, 60	50-1, 50-5, 50-6, 50- 7
8.18	The student will solve multistep linear inequalities in one variable with the variable on one or both sides of the inequality symbol, including practical problems, and graph the solution on a number line.	62, 63	51-1, 51-2