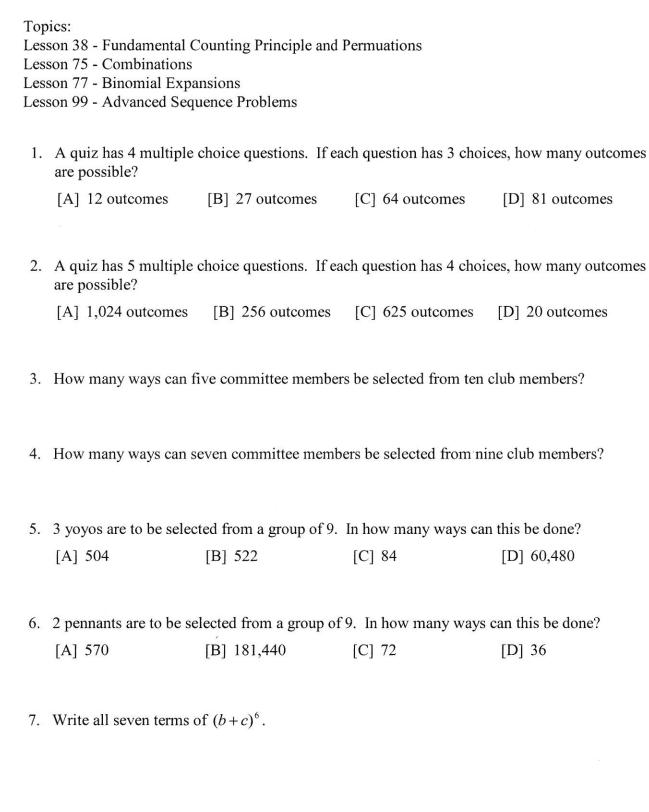
Comprehensive Review #4



9.	Write the 5th term of ($(x+y)^8.$		
10.	Write the 5th term of $(x+y)^9$.			
11.	Expand: $(p + q)^5$. Which one of the following is a term in the answer?			
	[A] $5p^2q^3$	[B] $20p^2q^3$	[C] $15p^2q^3$	[D] $10p^2q^3$
12.	Expand: $(j + k)^6$. Which one of the following is a term in the answer?			
		[B] $10j^3k^3$		
13.	A rubber ball dropped from a height of 108 feet. After each bounce it rebounds two thirds of the distance it fell. How far does the ball fall on its third fall?			
	[A] 96 feet	[B] 144 feet	[C] 48 feet	[D] 49 feet
14.	A rubber ball dropped from a height of 768 inches. After each bounce it rebounds one for of the distance it fell. How far does the ball fall on its fourth fall?			
	[A] 13 inches	[B] 36 inches	[C] 12 inches	[D] 24 inches
15.	A rubber ball dropped from a height of 250 inches. After each bounce it rebounds one fifth of the distance it fell. How far does the ball fall on its third fall?			
	[A] 20 inches	[B] 10 inches	[C] 11 inches	[D] 30 inches

8. Write the 4th term of $(x+y)^4$.