

KFUPM
Department of Mathematics and Statistics

MATH 555
Take-home Exam 1

Solve **10** problems from below with **Two ***-problems at least from each chapter. Only results from Atiyah's book can be used. If a non-assigned problem is needed, it should be solved as part of the assigned problem.

Chapter	Problems
RINGS AND IDEALS	2, 3*, 5, 10, 11, 15*, 21*
MODULES	4, 5, 6, 10*, 12, 13*, 20*, 22*, 24*, 25*, 26*, 27*, 28*
RINGS AND MODULES OF FRACTIONS	11*, 13, 15, 16*, 19*, 30
INTEGRAL DEPENDENCE AND VALUATIONS	2, 3, 4, 18*, 20, 23*, 25*, 31, 33*

Your Choice:

	Chapter	Problem	Score out of 10
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Total out of 100			