

Unit 7 Study Zone

Test Date: **Wednesday May 7**

Parent's Signature: _____

My plan to prepare for this test is:

Ideas to try...

Skill	Vocabulary/Process	How to Study
Multiply fractions and mixed numbers	Multiply fractions: <ul style="list-style-type: none"> ➤ Change mixed numbers to fractions ➤ Multiply across ➤ Simplify 	
Divide fractions and mixed numbers	Divide fractions: <ul style="list-style-type: none"> ➤ Change mixed numbers to fractions ➤ Copy the first fraction ➤ Change the sign to * ➤ Write the reciprocal for second fraction ➤ Multiply across ➤ Simplify answer 	
Convert between fractions, decimals, and percent	Fractions: numerator/denominator = % Percent = part out of 100 Decimal = part out of 100	
Find the Percent of a number	Find the percent of a number ____% of ____ = ____ (of = *)	
Interpret Venn diagrams	Identify the groups being compared Determine the total items/people Calculate the missing section(s)	
Find Probabilities	Define: random sample, outcomes, event, trials <ul style="list-style-type: none"> • List the expected outcomes (organized list) • Find outcome probability on a tree diagram • Label the answer as a fraction, decimal, and % • Explain how <u>sample size</u> changes the outcomes of an experiment 	
Create and Use Probability Trees	Calculate outcomes for equally likely outcomes (simulation) Find the fraction of the time for each outcome Start with a number and find out how many of each outcomes there will be	
Determine Games to be Fair or Unfair	Fair = equal probability of happening Unfair = not equal chances of happening Use tree diagrams to decide	
Vocabulary		Quizlet