

Dear Parents,

Welcome to BJU Math 5. We are excited to begin this new curriculum with you this year. Below is a daily outline of the summer assignments. We will be covering 3 chapters. Two lessons are covered per day but on the average there will be 30 problems per day. You are welcome to complete the assignments at the pace on the schedule or at your pace. Please grade each lesson including the review/test. Each lesson, except for the review/test, may be corrected for half credit back. Below is a rubric for you to use. Note: There are 17 lessons + 3 Review/Tests for a total of 20 grades. These graded assignments are due the first day of Arrows Academy, August 15th.

Teaching Your Student over the Summer

As you complete your summer assignment, there are **4 easy steps** to follow.

1. **Identify Homework:** Circle the problems assigned for homework for each lesson.
2. **Guided Instruction:**
 - a. **Instruct:** On the two page lesson there are several colored window boxes. These boxes contain information such as definitions, formulas and illustrated problems. Use these window boxes to teach your child the lesson. Please understand that information learned in lesson one will be used throughout the chapter.
 - b. **Model:** Use unassigned problems to model how your child is to solve the problem. You show the process and your child watches.
 - c. **Guided practice:** Again use unassigned problems to have your child practice and show you how problems are solved. This will demonstrate to you, the teacher, your child is ready for independent practice. Use as many problems you feel necessary to know your child is ready for independent work.
3. **Independent Work:**
 - a. **Independent Practice:** Student complete homework problems independently
 - b. **Initial grade:** Parent uses the attached answer key, grades assignment and records a grade at the top. See rubric for grading.
 - c. **Independent Corrections:** Student then independently corrects problems.
 - d. **Second Corrections:** If a third time is needed to make sure a problem is solved correctly, Parents should step in and help walk the student through the process, but only after the student has tried twice on their own.
 - e. **Final Grade:** Once all corrections have been made, Write and Circle final grade at the top. Again see rubric for giving half credit back for corrections.
4. **Testing:**

This summer we will be using the chapter review found at the end of each chapter as an open book open note review/test. As a parent you may guide your child to the section where information is found, but please refrain from assisting your child as she/he completes the review/test. Remember, we are testing to see if she/he has mastered the material. Please, grade the review/test as correct or incorrect and write the grade at the top of their work. Please, do not give back partial credit for any problems on the review/test which are corrected.

Arrows Academy Administration

Summer Work Math 5: Chapters 1, 11 and 14

Day #	Lesson Title	Assignment	#problems/lesson	day
Chapter 1				
Day 1	Millions	4-6, 8-32 even	16	31
	Billions	1-31 odd	15	
Day 2	Decimals	1-31 odd	15	32
	Equivalent decimals	1-49 every 3 rd (see note below)	17	
Day 3	Pos and neg numbers	1-52 every 3 rd	18	33
	Compare pos and neg	1-30 even	16	
Day 4	*Review/Test	1-32 all	32	32
*Bonus asgn:	Roman numerals	1-9 all		
Chapter 11				
Day 5	Quadrilaterals +	1-18	18	34
	Perimeter & Circum.	1-16	16	
Day 6	Classify Triangles	1-25 odd	13	23
	Area	1-19 odd	10	
Day 7	Area of Triangle	1-14	14	24
	Perimeter and Area	1-10	10	
Day 8	Review/Test	1-27	27	27
Chapter 14				
Day 9	3-D figures	1-22 even	11	27
	Prisms and pyramids	1-31 odd	16	
Day 10	surface area	1-5, 14-21	13	33
	Volume	1-22 (omit 10, 11)	20	
Day 11	more volume	1-13	13	30
	Rev/test	1-14, 17, 19, 20	17	

Every Third Problem means the student needs to complete problems: 1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43, 46, 49, 52.....

Grading Rubric for homework- grade each lesson separately, please

Please use the following grading system when grading HW. Round final grade in student's favor.

# problems	Pts off/problem missed	Pts back when corrected
12- 14	8	4.0
15-17	6	3.0
18-22	5	2.5
23-27	4	2.0
28-33	3	1.5
38-42	2.5	1.3
50 +	2	1.0

Name: _____

Math 5 Grade Recording Sheet

Lesson	Initial Grade	Corrected Grade	Parent Initials
Millions Period			
Billions period			
Decimals			
Equivalent Decimals			
Pos/Neg Numbers			
Compare Pos and Neg			
Chapter 1 Review/Test		No Corrections Allowed	
Chapter 11	-----	-----	-----
Quads and Other Polygons			
Perimeter and Circumference			
Classify Triangles			
Area			
Area of Triangle			
Perimeter and Area			
Chapter 11 Review Test		No Corrections Allowed	
Chapter 14			
3-D Figures			
Prisms and Pyramids			
Surface Area			
Volume			
More Volume			
Chapter 14 Review/Test		No Corrections Allowed	