

Name: \_\_\_\_\_

### Bob Jones Geometry Summer Assignment

Welcome to the world of Geometry. This summer we will begin exploring this new branch of mathematics. Below you will find your summer assignment which includes 11 days of exercises. This course will contain new ideas, definitions, and will develop your mind in a whole new way through the understanding of logic and use of logical argument- giving concrete reasons which justify your position accurately and irrefutably.

Parents, please grade the homework according the rubric below. The number in parenthesis at the end of the assignment lets you know how many problems your child completed that day. After the first grading, please allow your child to correct his mistakes and receive half credit back when corrected.

These 11 Assignments are due the first week of class- graded and corrected. For ease, please write the initial and final grades in the chart below.

Day and Lesson	Title	Homework	Initial Grade	Corrected/Final Grade
Day 1 Lesson 1.1	Sets	2-18 even; 22-26, 39-41,44,45 (19)		
Day 2 Lesson 1.1	Sets	7,13,17,19,27-30,37-38,42,43,46-48 (15)		
Day 3 Lesson 1.2	Undefined Terms	2,4,5,8-20,23-25,27-39 odd,40,41,43,45 (30)		
Day 4 Lesson 1.3	An Ideal Geometry	1-9 Odd, 12-28 even, 31, 34, 37-38, 41-49 Odd (23)		
Day 5	Geometry in History	Discussion Questions 1-4		
Day 6 Lesson 1.4	Subsets of Lines and Planes	1,2,4,5,6,9,10,11,14,15,16,20-44 even,49,55,57,60 (26)		
Day 7 Lesson 1.5	Segment and Angle measure	1-2,4-6,8-9,11,13-16,18,21,26,29,32-34,37-38,41-43,45,52-28 even (29)		
Day 8 Lesson 1.6	Two Dimension figures	1-4,7-21,24-25,60-64 (26)		
Day 9 Lesson 1.6	Two Dimension Figures	26-27,30-31,33,35-36,39,43-44,47-55 Odd,59,65-69 (21)		
Day 10	Chapter 1 Review	1-51 (51)		

**Grading Rubric** for Homework- grade each assignment separately.

# of problems	Points off per problem missed	Points back when corrected
15-17	6	3
18-22	5	2.5
23-27	4	2
28-33	3	1.3
50+	2	1