

Squaring, Cubing, & Rooting Paper

Assigned: Monday 11/2/15

Rough Draft Due: Friday 11/6/15

Final Draft Due: Monday 11/9/15

Graded as an Assessment

Write a paper explaining ALL of the following topics:

- The difference between **squaring** and **square rooting**. Explain the difference in words, AND explain it using an example problem.

- The difference between **square rooting** and **cube rooting**. Explain the difference in words, AND explain it using an example problem.

- The difference between **squaring a negative** and **cubing a negative**. Explain the difference in words, AND explain it using an example problem.

- The difference between **square rooting a negative** and **cube rooting a negative**. Explain the difference in words, AND explain it using an example problem.

Name: _____ Section: _____

General Grading Rubric

REQUIREMENT	MASTERY 9-10	DEVELOPING 7-8	BASIC 5-6	INCOMPLETE 0-4
Paper has an introductory paragraph that explains what the paper will be about.				
Paper is written in complete sentences, with capital letters, proper punctuation, good grammar, and correct spelling.				
Paper uses mathematical vocabulary correctly and in appropriate places.				
Paper has a conclusion paragraph that sums up what the paper was about.				
General Total				/40

Mathematical Grading Rubric

REQUIREMENT	MASTERY 9-10	DEVELOPING 7-8	BASIC 5-6	INCOMPLETE 0-4
Correct and thorough explanation of the difference between squaring and square rooting in words .				
Correct and thorough explanation of the difference between squaring and square rooting with an example problem.				
Correct and thorough explanation of the difference between square rooting and cube rooting in words .				
Correct and thorough explanation of the difference between square rooting and cube rooting with an example problem.				
Correct and thorough explanation of the difference between squaring a negative and cubing a negative in words .				
Correct and thorough explanation of the difference between squaring a negative and cubing a negative with an example problem.				
Correct and thorough explanation of the difference between square rooting a negative and cube rooting a negative in words .				
Correct and thorough explanation of the difference between square rooting a negative and cube rooting a negative with an example problem.				
Mathematical Total				/80
General & Mathematical Total		/120	Percent:	

