



PARKSIDE CHRISTIAN ACADEMY

215 Forest Hills Street, Boston, MA 02130

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Weekly Sheet for MS1 Mathematics

Mr. Charlton

Week # _11_ Dates: November 7, 2011 – November 11, 2011

Topics/Content/Skills:

Topic: Operations involving powers of Ten and Percent of Change.

Content: Students will begin the week understanding percentage of numbers and how these concepts can be applied to “Everyday” applications. Students will also be introduced to the concepts of exponents and scientific notation.

Skills: Students will be able to understand and use

- Scientific notation.
- Counting using powers of ten.
- Find percents of increase and decrease.
- Solve problems involving percents of change

Vocabulary/Key Terms/Formulas:

Vocabulary:

- NA

Key Terms: Percentage and powers of ten.

Formula: NA

Homework:

	<u>Lesson</u>	<u>Homework</u>
<u>Monday</u>	Lesson: <ul style="list-style-type: none">• Introductions to Percent change	Students will: <ul style="list-style-type: none">• Complete Handout
<u>Tuesday</u>	Lesson: <ul style="list-style-type: none">• Percent change	Students will: <ul style="list-style-type: none">• Complete Handout
<u>Wednesday</u>	Lesson: <ul style="list-style-type: none">• Exponents: Powers of ten.	Students will: <ul style="list-style-type: none">• Complete handout
<u>Thursday</u>	Learning: <ul style="list-style-type: none">• Exponents: Measuring objects and distance using powers of ten.	Students will: <ul style="list-style-type: none">• Complete handout
<u>Friday</u>	Learning: <ul style="list-style-type: none">• Review	Students will: <ul style="list-style-type: none">• Complete workbook p.25, all problems

Tests:

Wednesday, November 9, 2011: Regarding percent, divisibility, and square root.

Special Events/News:

NA

Extra-ordinaries/Mastery Review Material:

1. If an integer n is divisible by 3, 5 and 12, what is the next larger integer divisible by all these numbers? A) $n + 3$ B) $n + 5$ C) $n + 12$ D) $n + 60$ E) $n + 15$
2. What is the smallest integer that is multiple of 5, 7 and 20? A) 70 B) 35 C) 200 D) 280 E) 140
3. When the integer n is divided by 8, the remainder is 3. What is the remainder if $6n$ is divided by 8? A) 0 B) 1 C) 2 D) 3 E) 4