



PARKSIDE CHRISTIAN ACADEMY

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Weekly Sheet for MS1 Mathematics

Mr. Charlton

Week # _10_ Dates: October 31, 2011 – November 4, 2011

Topics/Content/Skills:

Topic: Approximation of groups of numbers (rounding up/down), addition/subtraction of fractions using lowest common multiple, conversion between improper fractions and mixed numbers, and mental mathematics exercises.

Content: Students will discover the wonders of “Powers of base ten”, exponents and percents. Discovery the students will also be given a brief lesson on the divisibility of numbers, and a review of prime numbers and their relation to percent, exponents, and base ten counting principles.

Skills: Students will be able to understand and use

- The concept of base ten.
- Exponents
- Percent

Vocabulary/Key Terms/Formulas:

Vocabulary:

- **Mixed number:** A number that consists of an integer followed by a proper fraction.
- **Improper fraction:** An improper fraction is a fraction that has a numerator larger than or equal to its denominator
- **Exponent:** is shorthand for repeated multiplication of the same thing by itself.
- **Divisibility of numbers:** smaller numbers can simplify the act of determining whether or not a large number.
- **Percent:** is a way of expressing a number as a fraction of 100 .

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">• Rules of divisibility test.	Students will: <ul style="list-style-type: none">• Complete handout
<u>Tuesday</u>	Lesson: <ul style="list-style-type: none">• Using percent in real world applications	Students will: <ul style="list-style-type: none">• Complete handout given in class.
<u>Wednesday</u>	<ul style="list-style-type: none">• Using percent in real world applications• Review for test	Students will: <ul style="list-style-type: none">• Complete assignment given in class
<u>Thursday</u>	<ul style="list-style-type: none">• Test• Using percent in real world applications	Students will: <ul style="list-style-type: none">• Complete take home assignment
<u>Friday</u>	Lesson: <ul style="list-style-type: none">• Practice and review lesson	Students will: <ul style="list-style-type: none">• Complete take home packet

Tests:

Special Events/News:

SPIRIT WEEK!!

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