



PARKSIDE CHRISTIAN ACADEMY

215 Forest Hills Street, Boston, MA 02130

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Weekly Sheet for HS-1 Algebra

Mr. Charlton

Week # _7_ Dates: October 10, 2011 – October 14, 2011

Topics/Content/Skills:

Topic: Creating and solving equations

Content:

This week the students will learn how to create and solve equations based on real world applications.

Skills: Students will be able to understand and use

- Equations based on real world applications.
- Identify solutions of equations and formulate a check.

Vocabulary/Key Terms/Formulas:

Vocabulary:

1. Exponent
2. Equations
3. Expressions
4. Check

Key Terms: Not this week.

Formula: NA

Homework:

	<u>Lesson</u>	<u>Homework</u>
<u>Monday</u>	NO SCHOOL – COLUMBUS DAY	NO SCHOOL – COLUMBUS DAY
<u>Tuesday</u>	Lesson: <ul style="list-style-type: none">• Solving basic algebraic equations w/a check• Creating equations from word problems	Students will: <ul style="list-style-type: none">• Complete handout given in class.• Students will also receive textbooks.
<u>Wednesday</u>	Lesson: <ul style="list-style-type: none">• Solving word problems	Students will: <ul style="list-style-type: none">• have no homework
<u>Thursday</u>	Learning: <ul style="list-style-type: none">• Solving word problems	Students will: <ul style="list-style-type: none">• Complete p.132 #15-32, in text book
<u>Friday</u>	<ul style="list-style-type: none">• Solving radical expressions	Students will: <ul style="list-style-type: none">• Complete p.132 #41-48 of the textbook.

Tests:

NA

Special Events/News:

NA

Extra-ordinaries/Mastery Review Material:

1. Find the missing quantity in each of the following:
 - (a) What is 10% of 672.3 kg?
 - (b) 42 are what percent of 132.3 g?
 - (c) 18.7 g is .5% of what amount?
2. In 80.042 g (1 mole) of ammonium nitrate, there are 28.014 g of nitrogen; 47.997 g of oxygen and the rest is hydrogen.
 - (a) What percent of ammonium nitrate is nitrogen?
 - (b) What percent of ammonium nitrate is oxygen?
 - (c) What percent of ammonium nitrate is hydrogen?