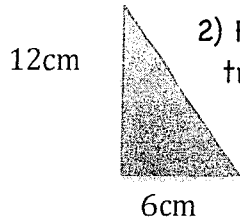
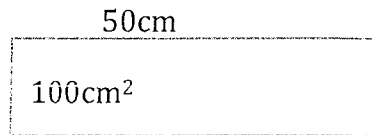


Grade 7 Weekly Review # 6 Mathlete: _____

1) What is the perimeter of this rectangle?

Perimeter = _____



2) Find the area of the triangle [hint draw a rectangle around the triangle and find that area and take half of that area for the triangle or use the formula (base x height divided by 2)]

3) $7 + 8.61 = \underline{\hspace{2cm}}$ $7 - .86 = \underline{\hspace{2cm}}$ $7 \times 8.61 = \underline{\hspace{2cm}}$ $86.1 \div 7 = \underline{\hspace{2cm}}$

4)	Add 1 more tenth	Add 1 more hundredth	Add 1 more thousandth	Subtract 1 tenth
4.009				
4.9				
10.3				

5) $.0002 \times 7 = \underline{\hspace{2cm}}$ $.02 \times .07 = \underline{\hspace{2cm}}$ $7 \times .2 = \underline{\hspace{2cm}}$ $.007 \times .02 = \underline{\hspace{2cm}}$

6) Draw a diagram to show that $3\frac{1}{4} = \frac{13}{4}$

7) Put these fractions in lowest terms

$\frac{6}{8} = \underline{\hspace{2cm}}$

$\frac{12}{30} = \underline{\hspace{2cm}}$

$\frac{50}{100} = \underline{\hspace{2cm}}$

$\frac{9}{27} = \underline{\hspace{2cm}}$

$\frac{12}{18} = \underline{\hspace{2cm}}$

8) Write these mixed numbers as improper fractions

$3\frac{2}{3} = \underline{\hspace{2cm}}$

$4\frac{1}{2} = \underline{\hspace{2cm}}$

$5\frac{3}{4} = \underline{\hspace{2cm}}$

$12\frac{2}{3} = \underline{\hspace{2cm}}$

$8\frac{2}{3} = \underline{\hspace{2cm}}$

Problem Solving Practice- you will need a calculator for these problems

1. Cookies cost \$.60 cents at the cafeteria. When sales are slow they reduce the price by $\frac{1}{3}$. How many cookies can you then purchase with \$4.00
2. Mr. Farmer had 36 m of fencing material to go around a garden. Each section of fence was 1 meter. The garden must be in a shape of a rectangle not square. Using only whole number dimensions. What are all the possible areas of the garden? (I'm giving this question again because I gave the incorrect solution last time- sorry) I have included a chart to help you understand.

Width	Length	Perimeter	Area
		36m	
		36m	
		36m	
		36m	
		36m	
		36m	
		36m	
		36m	

3. There are 224 Gr 7 math students. Janet surveyed her class to see what kind of pop to order for the year end party.

Root Beer	Cola	Grape	Cream Soda
11	7	5	5

Based on this sample, how much Root Beer should the school order?

4. Meggy bought \$1.35 worth of food at the café. She gave a twoonie to pay for her purchases. What could her change be?
 - a) 6 dimes, 5 nickles
 - b) 1 quarter, 3 dimes, 3 nickles
 - c) 2 quarters, 1 dime, 1 nickel
 - d) 2 quarters, 2 dimes, 5 nickels
5. Popcorn is sold in two sizes: large and small. Together the total mass of the small container and the large container is 175 grams. The larger container is 45 grams heavier than the smaller container. What is the weight of each of the containers? (Hint use Guess and Check to figure this out)