Thank you for taking the time to review this extra material. Please note that this material is voluntary and not mandatory for the school. If you happen to come across any errors, we kindly ask for your understanding.

Name: _____Junk Man_____
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Super fun Math review sheet #3

A. **Express each decimal as a percent (%).**

1. 0.03 = _____3%_____

2. 0.25 = _____25%_____

3. 0.82=_____82%_____

4. 0.08 = _____8%_____

5. 0.65 = _____65%_____

6. 0.075 = _____7.5%_____

7. 0.069 = _____6.9%_____

B. **Express each percent as a _fraction_ in its SIMPLEST FORM.**

1. 68 % =_____17/25_____

2. 10 % =_____1/10_____

3. 55%= _____11/20_____

4. 9 % =_____9/100_____

5. 95% = _____19/20_____

6. 18 % =_____9/50_____

7. 87 % =_____87/100_____

C. **Express each fraction as a percent *(%)*.**

1. $\frac{15}{20}$ _____75%_____

2. $\frac{6}{12}$ _____50%_____

3. $\frac{29}{50}$ _____58%_____

4. $\frac{18}{25}$ _____72%_____

5. $\frac{3}{4}$ _____75%_____

D. $\frac{26}{40}$ _____65%_____

E. **Express each of the following as a percent %.**

1

1. 24 out of 240 11.4%	3. 60 out of 400 15%
2. 20 out of 200 10%	
4. 18 out of 50 36%	5. 1200 out of 2000 60%
6. 36 out of 100 36%	7. 6 out of 1000 0.6%

F. Find the value of a percentage of a quantity (put the correct metrics!)

1. 8% of $500 = $40	2. 35% of 80kg = 28kg	3. 80% of 1050ml =840ml
4. 78% of 2250 L =1755 L	5. 20% of 875m =175m	6. 16% of $750 =$120

Averages:

1. Find the average of 5, 10, 15 and 20 = 12.5

2. Find the average of 89, 25, 65 and 12 = 47.75

3. Find the average of 4, 10, 5 and 9 = 7

Word Problems.

1. There are 50 students in a class. If 14% are absent on a particular day, find the number of students <u>present</u> in the class

43 students

2. A garden has an area of 1600 square meters. 48% of the garden is used to grow roses and the rest of the garden is used to grow daises. What is the area used to grow daisies?

832 square meters

3. Joe has $25 in his bank. The bank pays 4% interest per MONTH . How much non-compounding interest will he have after one year? Hint: non-compounding=interest only from the $25

$12

4. Aidan wants to buy a thinking hat for class to increase his brain power. It costs $9,600. He has to pay an additional 5% sales tax. How much does he have to pay in total?

$10,080

5. 5,050 people went to the Museum of Extinction last year. This year, the number of people going to the museum decreased by

8%. How many people went to the museum this year?

4,646 people