

## GRADE 10 ESSENTIAL UNIT X – PRIOR STUDIES WHOLE NUMBER OPERATIONS

Name:\_\_\_\_\_ Date: \_\_\_\_\_

Manually (ie: by hand; pencil and paper) calculate all of the arithmetic operations below.

Use numbers. Show all work (steps of the algorithm, carries, renaming..)

Rounding and estimating first is a good way to see if you are likely doing it correctly and close.

Check your answer with a calculator and redo if necessary

1. Add (find the indicated sum):

a. 
$$\frac{312}{+436}$$

d. 
$$1,837 + 2,188$$

e. 
$$12,199 + 7,842$$

- e. Calculate the sum of 59 and 16 and 88.
- 2. Subtract: (find the 'difference') (don't forget to check by adding up!)

$$467$$
 a.  $-236$ 

$$532$$
 b.  $-216$ 

$$0.00$$
 c.  $0.00$ 



f. Calculate the difference of 230 and 123.

[ Ever notice how cashiers make change? (Manually) ] g. What is your change from a \$10.00 bill if you buy a \$3.47 scribbler?

3. Calculate the product as indicated.

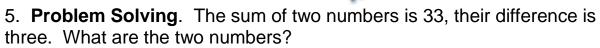


f. Carla has 18 boxes of smarties, each box has 43 smarties in it. How many smarties are there altogether (ie: total)?

4. Find the quotient as indicated: (the result of a dividing is called the quotient) (Don't forget to check by multiplying)

c. 
$$952 \div 17 =$$





Keep practicing in your workbook!