## Unit 1 Pt. 1 Review: GCF/LCM and Long Division

8

You must show all work to receive credit Complete the following problems to review this unit

1) Find the greatest common factor of 30 and 48

		(
<u>S</u> 15	230	
24	84	
GCF=2x3=6	GCF IS ONTHE LEFT	

# pencils per bag: 2

# bags she can make: 14 erasers will be in each bag?

number of bags she can make? How many pencils and number of pencils and erasers. What is the maximum

GEF

bags for new students. Each bag will have an equal Talia has 28 pencils and 42 erasers. She is splitting them in

2) Find the least common multiple of 10 and 6.

LCM= 2x5x3 = 30

3) Which choice lists all the factors of 48? 0, 1, 2, 4, 6, 8, 12, 16, 48 b. 1, 2, 3, 4, 6, 8, 12, 16, 24, 48 1, 2, 3, 4, 6, 10, 12, 15, 18, 24, 48 (0)

4) Is it possible to have a Greatest Common Multiple? Yes (No) Explain your reasoning. MULTIPLES 60 ON POREVER

packs of buns: \_

packs of hot dogs: 5

IS GREATEST COMMON MULTIPLE

5) Is it possible to have a Least Common Factor? (Yes) No Explain your reasoning. YES, TENST SHE

COMMON FACTOR NUMBERS BETWEEN AND GROUP

For #s 6 & 7, find the quotient, write your remainders as a

traction AND a decimal.

2683 Fraction: 15/6,138 Fraction: XX/ 72/×30 4+105

LCM IS ALL OF THEM ?) Hot dogs come in packs of 8 and hot dog buns come in total number of hot dogs: 40 bun) with no hot dogs or buns left over? can be bought to make hot dogs (one hot dog and one packs of 10. What is the least number of packs of each that # erasers per bag: 3

10) A shipment of 478 textbooks came to a school. The books will receive a <u>full class</u> set of textbooks? are being given out in class sets of 25. How many classrooms

SEIS 9 म्पप 25)478 LEFT OVER BOOKS

11) There are 1,460 people waiting to ride a roller coaster. Each everyone in line to have a turn? cart takes 30 people. How many carts will it take for

49ARIS

PEOPLE PEOPLE