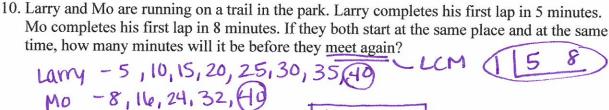
Name KEV	
Unit 2 Fake T	est

7 balloons

1.	List all the factors of 40 and circle the ones that are prime. x 40
	Find the Greatest Common Factor (GCF) of 48 and 72. 2 48 72 3 6 8 Find the Least Common Multiple (LCM) of 4 and 6. H: 41.812 6: 61.2 2 22.23 2 22.23 2 22.23 12 13 2 22.23 12 13 2 22.23 12
wri 4.	this information to answer #4-5: At the concert, every 5 th person to enter gets a stband and every 7 th person to enter gets a water bottle. What number person will be the first person to get a wristband and a water bottle? 5: 5:(0:15:20:25:30:35) 7:7,14,21,28:35 If there were 200 people who went to the concert, how many will get both items?
6.	35, 70, 105, 140, 175 210 5 people There are 63 boys and 70 girls participating in the soccer league. If teams must have the same number of boys and girls and everyone needs to be assigned to a team. What is the greatest number of teams the league can have? 19 10 11 16 16 16 16 16 17 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
	Mrs. Tuttle walks Scarlet and Nash every day. She takes them both out at 5:00 AM. She takes Nash out every 3 hours and Scarlet out every 4 hours. When is the next time that Mrs. Tuttle will take both dogs out again? 5:AM + 12 hrs = 5:00 pm NASH - 3.6.9.12 12 hows later SCARLET - 4, 8.12
bag use 8.	this information to answer #8-9: Jill has 56 whistles and 42 balloons to make goodie s. Each goodie bag will have the same number of whistles and balloons. She wants to all of the whistles and balloons. She wants to create the largest number of goodie bags for her friends. How many goodie bags can she make? Answer #8-9: Jill has 56 whistles and 42 balloons to make goodie bags for her friends. She wants to create the largest number of goodie bags for her friends. How many goodie bags can she make? Answer #8-9: Jill has 56 whistles and 42 balloons to make goodie bags for her friends. How many goodie bags can she make?
9.]	How many balloons will be in each goodie bag? 9 7



$$3 | 45 | 63 | 3 \times 3 = 9 | GCF = 9$$

$$3(4+18 \div 3)-7+2$$

 $3(4+6)+7+2$
 $3(10)-7+2$
 $130-7+2$

$$(3) - 7 + 2$$
 $(3) - 7 + 2$
 $(3) - 7 + 2$
 $(3) - 7 + 2$
 $(3) - 7 + 2$
 (25)

$$3^2 = 9$$
 3×3
 $3^3 = 27$
 $3^4 = 81$

$$\left[\frac{1}{3}\right]^{4} = \frac{1}{81} \qquad 3 \times 3 \times 3 = 27$$

$$\frac{1}{3} \times 3 \times 3 \times 3 = 81$$

$$\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} = \frac{1}{81}$$

$$2x^{2}$$

 $4x^{2} = 8x^{2} = 16$

$$\left[\frac{2}{10}\right]^{4} \quad \frac{2 \times 2 \times 2 \times 2}{10 \cdot 10} = \frac{16}{10000} \quad \frac{0.2}{625}$$