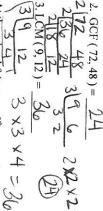
Unit 2 Test GCF/LCM Factor/Prime factors Fee Study Guide

List all the factors of 30 AND circle the





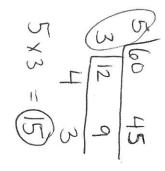
yoyo. Answer the following questions: gets a whistle and every 7th person gets a At the school fair every 5th person to enter

4. What number person will be the first to get both items?

5, 10, 15, 20, 25, 30, 85 7, 14, 21, 28 (3)

5. If 200 people come to the fair how many people will get both items?

team. What is the *greatest* number of teams the league can have? girls and everyone needs to be assigned to a must have the same number of boys and 6. There are 60 girls and 45 boys participating in a baseball league. If teams



the next time Mrs. Simerly will take both dogs outside at the same time? She takes Steve outside every 6 hours. She day. She takes them both outside at 7:00am 7. Mrs. Simerly walks her two dogs every takes Bear outside every 8 hours. When is

8,16/24) (7:00AM INC)

Use this information for questions 8 and 9: Mrs. Thomas has 76 pencils and 68 erasers.

number of erasers. She wants to use all of same number of pencils and the same pencil pouches. Each pouch will have the 8. She wants to create the largest number of the pencils and erasers. How many pouches SON

Can she makes 76 68 14 pouches

9. How many pencils will be in each pouch? Pen (1)S

19 pencils

meet again at the starting point? direction, after how many minutes will they The first runner completes a round in 3 the same place and time and go in the same minutes. The second runner completes a round in 8 minutes. If they both started at 10. Two runners are running a circular path.

Distributive Property: 2 | 50 42 11. Find the GCF from the two number listed below, and rewrite the sum using the

2(25 221)

she correct? Explain your thinking. 12. Amy said the GCF of 92 and 52 is 4. Is

Yes (circle one)

Explaint 192

13. LCM (2, 9) = 18

Fill in the blank to make this a true statement. 9,18

6,12,18 2,4,6,8,10,12,14,16,18

Solve the expression

 $3(6+|12\div 6)-7+3$

15. What is the missing exponent?

$$\left(\frac{1}{2}\right)^{\bigsqcup} = \frac{1}{64}$$

$$2 \times 2 = 4$$

$$2 \times 2 \times 2 = 8$$

$$2 \times 2 \times 2 \times 2 = 16$$

$$2 \times 2 \times 2 \times 2 \times 2 \times 2 = 32$$

$$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 = 64$$
16. Evaluate: $(\frac{3}{5})^3$?