Unit 4 Test Study Guide

1.) Hank created the pattern below. Which number is part of Hanks pattern?

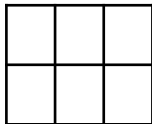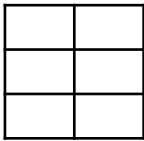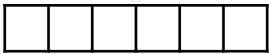18, 24, 30, 36…..   A.) 41   B.) 48   C.) 50   D.) 6

2.) Tom collected 4 cans, Jake collected 8 cans and Mark collected 16 cans. Which of the following statement is <u>not</u> true?

A.) Jake collected twice as many cans as Tom
B.) Mark collected 4 times as many cans as Tom
C.) Tom collected twice as many cans as Mark

3.) The following arrays were created to represent the number 6. **Circle all** of the correct statements about the number 6 based on the arrays.

A.) 6 is composite
B.) 6 is prime
C.) 6 is a multiple of 2
D.) 6 is a multiple of 12
E.) 6 has a factor of 5
F.) 6 has a factor of 3

4.) My mystery number has some of the following factors, 2, 3, 6, 8…. What is my number?

A.) 12   B.) 18   C.) 24   D.) 70

5.) Use the list of numbers to create multiplication equations that equal 40.

1, 2, 3, 4, 5, 6 , 7, 8 , 9, 10, 12, 15, 20, 40

6.) Solve 18 ÷ 5. Draw a picture using dots to represent your answer. Remember to represent the remainder!

7.) Write a word problem that represents the following equation 34 x 6.

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_____

_____

8.) Which row has only one prime number.

Row A: 4, 6, 8, 9, 10, 14, 15, 19, 20, 21, 22
Row B: 4, 6, 9, 10, 11, 14, 15, 17, 18, 20, 21

9.) Nelly earned $40 gardening for her grandmother. She found $13 less than that while walking home from grandmas. Her mom gave her 4 times as much money as she found for baby-sitting her sister. How much money did she earn for baby-sitting her sister?

10.) I have 13 red apples. Jim has twice as many green apples. We used half of the apples for an apple pie. How many apples are left?

Solve the following using order of operations- PEMDAS

11.) $40 \div (25 \div 5)$ 12.) $4 \times (5+9)$ 13.) $(3 \times 5) - (2 \times 6) + 8$

14.) Brandy went to the store with $300. She bought clothes for $129 and shoes for $78. How much money does Brandy have left to spend?