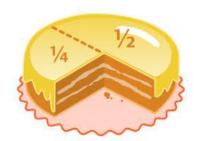
Power Standard 4

Practice Test

Vocabulary:

1) Improper fraction

- a. A fraction with a numerator less than the denominator.
- b. A fraction that can be reduced.
- c. A fraction that has a value greater than one.



2) Multiples

- a. The top number of an improper fraction.
- b. A list of whole numbers that result from multiplying a whole number by 1, 2, 3, 4 etc.
- c. A list of whole numbers that can be multiplied together to get another whole number.

5) LCM

- a. Used for adding and subtracting fraction, it's the least common median
- b. Used for reducing fraction, it's the largest common multiple
- c. Used for adding and subtracting fraction, it's the least common multiple

6) Factors

- a. The whole number in a mixed number.
- b. A list of whole numbers that result from multiplying a whole number by 1, 2, 3, 4 etc.
- c. A list of whole numbers that can be multiplied together to get another whole number.

7) GCF

- a. Used for reducing fraction, it's the greatness common fraction
- b. Used for reducing fraction, it's the greatness common factor
- c. Used for adding and subtracting fraction, it's the greatness common factor

8) Simplify

- a. To divide the numerator and denominator to get the lowest whole numbers
- b. To multiply the numerator and denominator to get the lowest whole numbers
- c. To divide the numerator and denominator to get the greatest whole numbers

9)
$$\frac{2}{6} + \frac{1}{6} =$$

10)
$$\frac{1}{6} + \frac{1}{4} =$$

11)
$$\frac{3}{5} - \frac{1}{2} =$$

12)
$$\frac{3}{4} - \frac{1}{5} =$$

13) What is the greatest common factor (GCF) of 8 and 30? _____

20) Jim bought 2/3 pound of peanuts, 6 1/6 pounds of almonds, and 1/12 pound of walnuts. What is the total weight of Jim's purchase? 21) Jill is typing a report. She typed 4/9 of the pages in the report in the morning and 1/7 of the pages in the afternoon. What fraction more of the pages did he type in the morning? 22) In a vegetable garden, 5/8 of the plants are peppers. Of those peppers, ¾ are red peppers. What fraction of plants are red peppers? Show your work. 23) In a rock garden, 7/10 of the rocks are igneous rocks. Of those rocks, ¾ are pegmatite rocks. What fraction of rocks are pegmatite rocks? Show your work.

24) Mrs. Crumling divided 3/5 pound of chocolate into 9 equal sections.

How much chocolate was in each section?