



Colegio de Sta. Rosa - Trece Martires City, Inc.

Brgy. Conchu, Trece Martires City, Cavite

Tel. No. (046)419-2568

Email Add: colegiodesta.rosatrece@yahoo.com



Name: _____

Score: ____/50

Grade level: _____

Date: _____

SECOND QUARTERLY EXAMINATION IN MATHEMATICS 4

I. IDENTIFICATION.

Directions: Identify which are mixed numbers. Put a check on the box. (1-5)

☐ $3\frac{5}{7}$

☐ $\frac{9}{5}$

☐ $5\frac{6}{8}$

☐ $\frac{8}{11}$

☐ $8\frac{1}{2}$

☐ $\frac{4}{3}$

☐ $6\frac{2}{9}$

☐ $\frac{7}{6}$

☐ $4\frac{3}{10}$

Directions: Change the following mixed numbers into improper fractions.

6. $4\frac{8}{12} = \text{—}$

7. $11\frac{3}{5} = \text{—}$

8. $7\frac{9}{10} = \text{—}$

9. $2\frac{7}{13} = \text{—}$

10. $1\frac{28}{30} = \text{—}$

Vision: *Colegio de Sta. Rosa envision a community of committed Christians, who in one mind and one heart in God are morally upright, intellectually competent, service oriented, and ecology conscious.*



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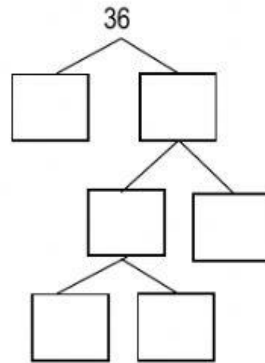
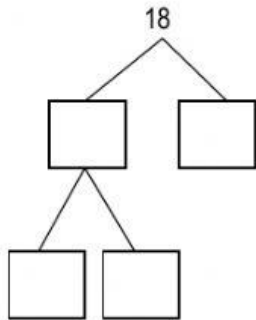
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II. SOLVE.

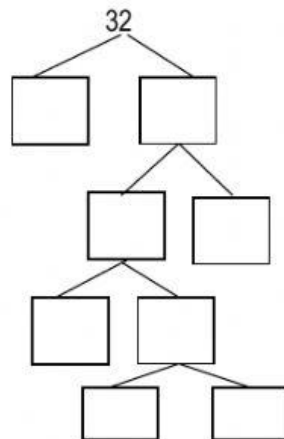
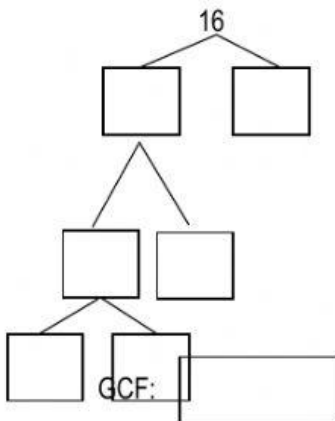
Directions: Find the GCF of the two numbers using prime factorization. Fill in the box the missing numbers.

11-15. 18 and 36

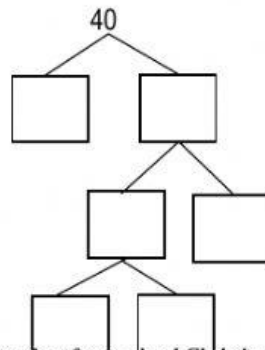
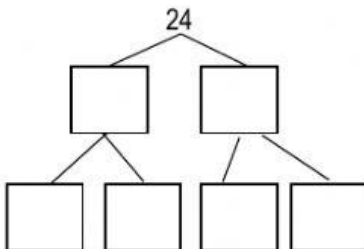


GCF:

16-20. 16 and 32



21-25. 24 and 40



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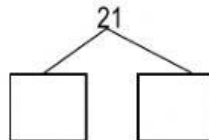
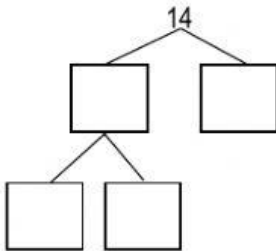
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GCF:

26-30. 14 and 21



GCF:

III. PROBLEM-SOLVING.

Directions: Solve the following worded problems. Write your answer in its lowest term.

31-35. Sandra bought $2\frac{3}{4}$ yards of red fabric and $1\frac{1}{4}$ of blue. How much cloth did she buy in all?

36-40. David distributed $\frac{19}{24}$ apples in his class and gave $\frac{2}{24}$ to his friend Richard. What fraction of apples he gave away in all?

41-45. Christopher filled a large pitcher with $\frac{8}{3}$ glasses of guava juice and 4 glasses of cantaloupe juice to make a melon guava smoothie. How many glasses of juice was the pitcher filled with?

46-50. A crayon is 3 inches long. A pencil is $\frac{5}{2}$ inches longer than the crayon. What is the length of the pencil?

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