



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

Brgy. Conchu, Trece Martires City, Cavite

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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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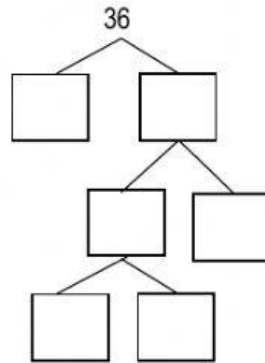
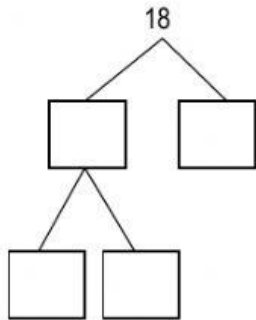
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## II. SOLVE.

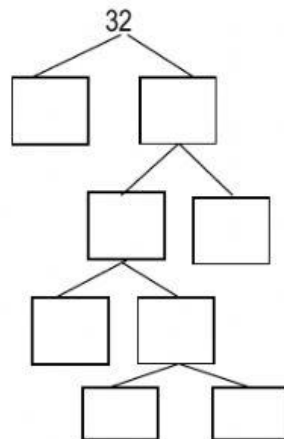
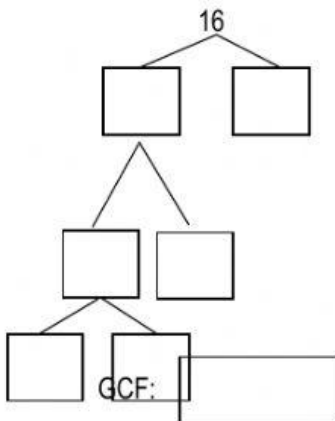
Directions: Find the GCF of the two numbers using prime factorization. Fill in the box the missing numbers.

11-15. 18 and 36

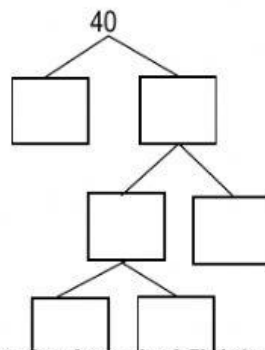
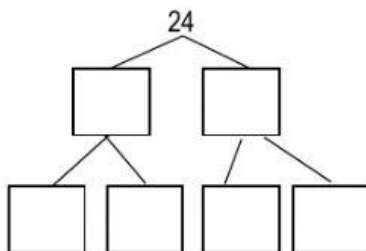


GCF:

16-20. 16 and 32



21-25. 24 and 40



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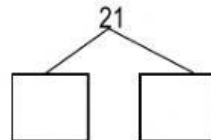
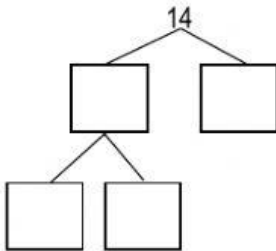
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GCF:

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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