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. $4\frac{8}{12} = -$

7. $11\frac{3}{5} = -$
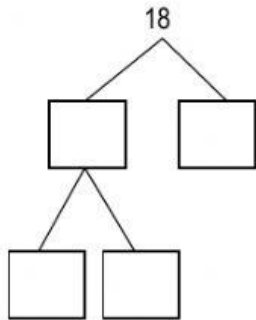
8. $7\frac{9}{10} = -$

9. $2\frac{7}{13} = -$

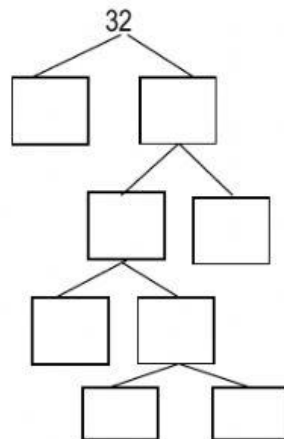10. $1\frac{28}{30} = -$

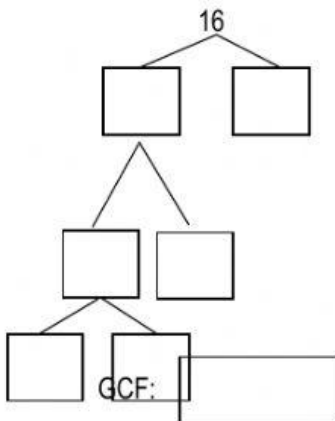LIVEWORKSHEETS

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
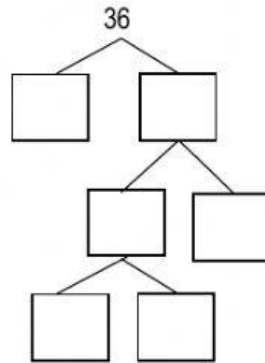
18

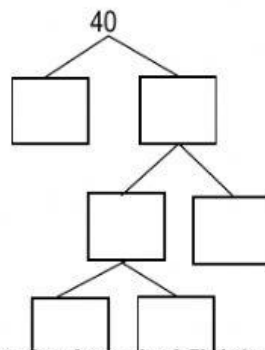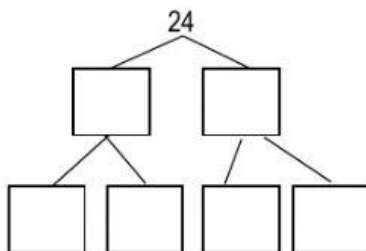36

GCF:

16-20. 16 and 32

16

32

GCF:

21-25. 24 and 40

24

40

GCF: [   ]

26-30. 14 and 21

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        14                           21
      /    \                       /    \
   [   ]   [   ]               [   ]   [   ]
   /   \
[   ] [   ]
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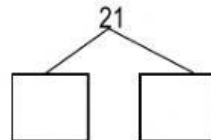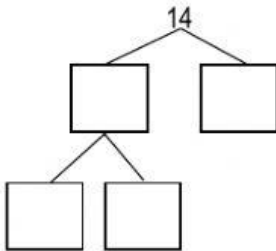
GCF: [   ]

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?