Department of Education
Region VII, Central Visayas
Division of Cebu
District of Consolacion
CASILI ELEMENTARY SCHOOL

MATHEMATICS 6

SY

I. **Answer the following questions.**

1. What is the greatest common factor (GCF) of 32 and 64?
   A. 8 C. 24
   B. 16 D. 32
2. The least common multiple of 5, 9 and 45 is _____.
   A. 40 C. 44
   B. 42 D. 45
3. Find the set of numbers which has the GCF and the LCM for the set.
   A. 8, 16, 31 C. 4, 20, 30
   B. 9, 27, 54 D. 4, 16, 15, 18
4. Find the number which is not equivalent to 5/8.
   A. 11/16 B. 1O/16 C. 20/32 D. 30/48
5. How many fifths are in 3 1/5 ?
   A. 13 B. 15 C. 16 D. 18
6. Choose the fraction not in its simplest form.
   A. $\frac{11}{13}$ C. $\frac{9}{27}$
   B. $\frac{9}{11}$ D. $\frac{13}{28}$
7. The simplest form of 681 $\frac{3}{2}$ is _____.
   A. 682 ½ C. 682 $\frac{1}{4}$
   B. 682 $\frac{1}{3}$ D. 682 $\frac{2}{3}$
8. Find the statement which is not true.
   A. $\frac{7}{8} > \frac{3}{5}$ B. $\frac{4}{5} < \frac{2}{3}$ C. $\frac{3}{6} = ½$ D. $\frac{3}{7} < \frac{4}{5}$
9. Which fraction is the greatest?
   A. $\frac{3}{4}$ B. $\frac{9}{10}$ C. $\frac{2}{3}$ D. $\frac{3}{7}$

10. The difference of 71 $\frac{3}{4}$ and 39 $\frac{2}{5}$ is

A. 32 $\frac{3}{19}$ C. 32 $\frac{6}{20}$

B. 32 $\frac{4}{19}$ D. 32 $\frac{7}{20}$

11. Add the sum of $\frac{5}{6}$ and $\frac{1}{3}$ to the difference of $\frac{7}{8}$ and $\frac{1}{3}$. The answer is.

A. 1 $\frac{21}{24}$ B. 1 $\frac{19}{24}$ C. 1 $\frac{17}{24}$ D. 1 $\frac{15}{24}$

12. Mother saved 3 $\frac{3}{4}$ kg of papaya and 1 ½ kg of lanzones from the fruits she sold to bring home to her family. How many kilograms of fruit did she bring to her family?

A. 5 $\frac{1}{3}$ B. 5 ¾ C. 5 ½ D. 5 ¼

13. Mr. Gonzalez donate 15 ½ cavans of rice out of 55 cavans he had in his granary. How many cavans of rice were left?

A. 38 ½ B. 39 ½ C. 40 ½ D. 41 ½

14. In her will, Mrs. Kinuko gave $\frac{2}{3}$ of ½ of all her properties to her only son. What part of her properties did she give her son?

A. $\frac{1}{3}$ B. ¼ C. $\frac{1}{5}$ D. $\frac{1}{6}$

15. Give the product of 31 $\frac{2}{3}$ and 4 $\frac{4}{5}$

A. 152 B. 153 C. 154 D. 155

16. The product of 6 ¼ and 3 $\frac{5}{8}$ is _____.

A. 22 $\frac{9}{19}$ B. 22 $\frac{11}{21}$ C. 22 $\frac{12}{31}$ D. 22 $\frac{21}{32}$

17. There are _____ halves in 9 $\frac{3}{6}$.

A. 18 B. 18 ½ C. 19 D. 21

18. Give the reciprocal of 8 $\frac{3}{5}$.

A. $\frac{5}{39}$ B. $\frac{5}{40}$ C. $\frac{5}{43}$ D. $\frac{5}{45}$

19. A 50 ½ km road was asphalted in 8 days. How many kilometres was asphalted each day?

A. 6 $\frac{1}{16}$ B. 6 $\frac{2}{16}$ C. 6 $\frac{3}{16}$ D. 6 $\frac{5}{16}$

20. Using recycled water to water the plants, a family was able to save $80\frac{3}{4}$ pails of water in $5\frac{1}{2}$ days. How many pails of water were they able to save a day?

A. $14\frac{15}{22}$ B. $14\frac{1}{2}$ C. $14\frac{2}{5}$ D. $14\frac{1}{6}$

II.

A. Write each in numeral form.

21. Three hundred seventeen thousandths _____

22. Ninety-five thousandths _____

23. Sixty and seventy-four ten-thousandths _____

24. Two hundred forty-seven hundredths _____

25. Twenty-one and nine-hundred seventy millionths _____

B. Write each as a decimal.

26. $\frac{50}{100}$ = _____ 27. 8 $\frac{4}{10}$ = _____ 28. 56 $\frac{9}{10}$ = _____

29. $\frac{8}{10} + \frac{3}{100}$ = _____ 30. 2 + $\frac{2}{10} + \frac{5}{100}$ = _____ 31. 9 + $\frac{3}{100} + \frac{5}{1000}$ = _____

32. 65 + $\frac{8}{100} + \frac{2}{1000}$ = _____ 33. $\frac{5}{10} + \frac{9}{100} + \frac{6}{1000}$ = _____

34. $\frac{1}{10} + \frac{3}{100} + \frac{4}{1000}$ = _____ 35. 96 + $\frac{5}{100} + \frac{3}{1000}$ = _____

Find the sum:

36. 0. 23 + 9.0273= _____ 37. 7.09+0.6=_____ 38. _____=0.87+45.319

39. 0.6+0.9=_____ 40. 3.14+0.786=_____