

Primary FIVE MATH

1. A child was given cards numbered 7, 9, and 8 and was asked to write 3 digit numbers.
 - a) What largest digit number did he write?
 - b) Write the smallest 3 digit number he wrote.
 - c) Find the sum of the largest and smallest 3 digit number he formed.

2.
 - a) Write the place value of 4 in 146.
 - b) What is the place of 8 in 62879?

3.
 - a) Find the value of 4 in 1467.
 - b) Find the value of 5 in 9645.

4. Find the sum of the value of 8 and value of 6 in 7689.
5. Workout the product of 2 and place value of 3 in 43,629.
6. Write the following as single number.
 - a) $(3 \times 1000) + (2 \times 0) + (5 \times 100) + (9 \times 1)$
 - b) $4000 + 300 + 20 + 9$
 - c) Write the 26,406 in words.
 - d) Write the 746,604 in words.

7. Write:
 - a) Four thousand, five hundred four in figures.
 - b) Eight hundred thirty-six thousand, two hundred twelve in figures.

8.
 - a) Round off 126 to the nearest tens.
 - b) Round off 7426 to the nearest hundreds.

9.
 - a) Opio is XLIV years old. Write his age in Hindu Arabic numerals.
 - b) Write 58 in Roman Numerals.

10.
 - a) Workout: $42 + 8$
 - b) Workout: $367 + 42$

$$\begin{array}{r} \text{c) } 98642 \\ + 3456 \\ \hline \hline \end{array}$$

$$\begin{array}{r} \text{d) } 267892 \\ + 432108 \\ \hline \hline \end{array}$$

11. A school had 679 pupils last year, this year 264 pupils have joined. How many pupils are in the school now?

12. Workout:

$$\begin{array}{r} 3624 \\ - 302 \\ \hline \hline \end{array}$$

b) 2787

$$\begin{array}{r} - 258 \\ \hline \hline \end{array}$$

13. Subtract 2,764 from 9,628.

14. Workout the difference of 864 and 426.

15. a) Workout: 2×44 using repeated addition.

b) Use repeated addition to work out 3×8 .

c) What is eight fours?

16. Workout the following:

a) 462

$$\begin{array}{r} \times 3 \\ \hline \hline \end{array}$$

b) 1245

$$\begin{array}{r} \times 12 \\ \hline \hline \end{array}$$

17. Workout the following:

$$189 \div 9$$

$$4545 \div 5$$

10. What is the place value of each digit in 123_{five} ?

11. Find the value of 2 in 123_{five} ?

12. a) Change 13_{ten} to base five.

b) Express 54_{ten} to base five.

13. Workout the following:

a) 12_{five}

$$\begin{array}{r} + 21_{\text{five}} \\ \hline \end{array}$$

b) $42_{\text{five}} + 33_{\text{five}}$.

14. a) Workout:

$$\begin{array}{r} 32_{\text{five}} \\ - 21_{\text{five}} \\ \hline \end{array}$$

b) 132_{five}

$$\begin{array}{r} - 33_{\text{five}} \\ \hline \end{array}$$

14. a) Find the sum of even numbers less than 12.

b) List down even numbers between 10 and 26.

i) Complete the sequence below:

80, 82, 84, 86,.....

ii) 90, 88, 86, 84, 80,.....

15 a) List the first 8 odd numbers.

b) Find the difference between the 4th and 10th odd number.

c) Workout the next number in the sequence 1, 3, 5, 7, 9.....

16. a) Numbers having two factors are known as

b) List the first seven prime numbers.

c) Find the next number in the sequence:

2, 3, 4, 5, 7.....

17.a) find the sum of the first five composite numbers.

b) Workout the first 10 triangular numbers.

18.a) Find the next numbers in the sequence:

1, 3, 6, 10, 15,

b)What is the 4th triangular number?

19. a) List all factors of 18.

b) How many factors are in 12?

c) Find the GCF of 12 and 18.

20. a) List the first multiples of 6.

b) Find the LCM of 9 and 7

21. a) Prime factorise 18 and write in set notation

b) Express 36 as a product of its prime factors.

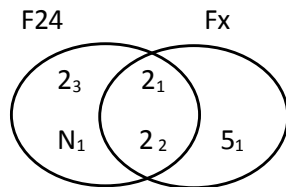
22.a) Use prime factorization to find the LCM of 18 and 15.

b) Workout the GCF of 6 and 18 using prime factorization.

23. a) Given that $y = \{2_1, 2_2, 3_1, 3_2\}$, find the value of Y.

b) If $28 = \{2_1, 2_2, M\}$, find the value of M.

24. Use the venn diagram to answer the questions that follow.



a) Find value of X.

b) Calculate the value of n.

c) Workout the GCF of 24 and X.

d) What is the LCM of X and 24?

25. What is a fraction?

26. Name two types of fraction that you know.

27. a) Express $3\frac{1}{2}$ to proper fraction.

b) Express the $5\frac{3}{7}$ to an improper fraction.

28. Convert the following to mixed fraction.

Express $\frac{33}{4}$ to a mixed numeral.

b) Express $\frac{25}{3}$ to a mixed numeral.

29. a) Find the next two equivalent fractions to $\frac{2}{3}$.

b) Workout: $\frac{3}{7} + \frac{2}{7}$

30. a) Workout: $\frac{3}{8} + \frac{1}{4}$

31. a) Workout: $3\frac{1}{4} + 2\frac{1}{4}$

b) Workout: $1\frac{1}{2} + 2\frac{1}{3}$

32. a) Workout: $\frac{7}{9} - \frac{3}{9}$

b) Workout: $\frac{2}{3} - \frac{1}{2}$

33. Multiply the following:

$$\frac{3}{4} \times 12$$

b) $4 \times \frac{1}{3}$

c) $\frac{2}{4} \times \frac{3}{9}$

d) $\frac{3}{7} \times \frac{1}{2}$

34. Workout the following:

a) $\frac{2}{4} \div 4$

b) $8 \div \frac{1}{3}$

c) $\frac{2}{9} \div \frac{2}{4}$

d) $\frac{3}{4} \div \frac{9}{5}$

34. How many quarter litres are in a five litre jerry can?

35. What is $\frac{1}{4}$ of 20?

36. Shade $\frac{2}{3}$ of

37. a) In a class of 50 pupils, $\frac{3}{5}$ are girls and the rest are boys.

What is the fraction of boys in the class?

b) How many girls are in the class?

c) Find the number of boys in the class.

d) How many more girls than boys are in the class?