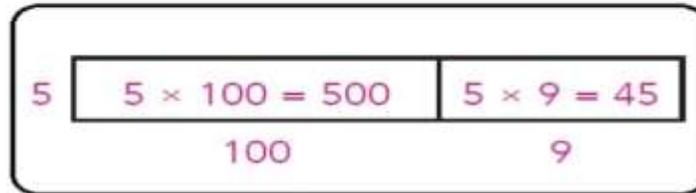




Choose the correct answer:

1) Using the following area model, the quotient equals .....



- a. 545  
c. 100

- b. 109  
d. 9

2) If 37 oranges are distributed equally among 5 plates, how many oranges will be left?

- a. 5  
c. 7

- b. 2  
d. 0

3)  $6524 \div 4 = \dots\dots\dots$

- a. 1631  
c. 1361

- b. 1151  
d. 1631

4) Which of the following equals 6?

- a.  $24 \div 6 - 2$   
c.  $12 + 6 \div 3$

- b.  $3 \times 1 + 1$   
d.  $18 - 3 \times 4$

5)  $30 - 4 \times (2 + 1) = \dots\dots\dots$



- a. 102  
b. 28  
c. 18  
d. 78

6)  $20 \div 5 + 5 - 2 = \dots\dots\dots$

- a. 0  
b. 7  
c. 2 R4  
d. 8

7) Which is the first step when solving the following problem  $14 \div 4 \div 2$ ?

- a. Add 14 and 4  
b. Divide 4 by 2  
c. Divide 14 by 2  
d. Divide 18 by 2

8) Which of the following expressions has a value  $\frac{5}{6}$  ?

- a.  $\frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6} + \frac{5}{6}$   
b.  $\frac{1}{6} + \frac{2}{6} + \frac{3}{6} + \frac{4}{6} + \frac{5}{6}$   
c.  $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$   
d.  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

9)  $1\frac{1}{4} + \frac{3}{4} = \dots\dots\dots$

- a.  $2\frac{1}{4}$   
b. 2  
c. 4  
d.  $2\frac{3}{4}$

10)  $3\frac{5}{8} - 2\frac{1}{8} = \dots\dots\dots$

- a.  $2\frac{1}{2}$   
b.  $2\frac{4}{8}$   
c.  $1\frac{6}{8}$   
d.  $1\frac{1}{2}$



11) Which of the following mixed numbers is equal to  $\frac{6}{5}$ ?

a.  $1\frac{1}{2}$

b.  $1\frac{1}{12}$

c.  $1\frac{1}{5}$

d.  $1\frac{1}{6}$

12)  $2\frac{1}{8}$  is equivalent to:

a.  $\frac{4}{8} - \frac{2}{8}$

b.  $\frac{4}{8} + \frac{2}{8}$

c.  $\frac{17}{8}$

d.  $\frac{11}{8}$

13) Which of the following is a unit fraction?

a.  $\frac{1}{8}$

b.  $\frac{3}{8}$

c.  $\frac{8}{8}$

d.  $\frac{8}{1}$

14) Which is the correct decomposition of  $\frac{5}{9}$  using unit fractions?

a.  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{2}{9} = \frac{5}{9}$

b.  $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$

c.  $\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

d.  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = \frac{5}{9}$



15) Which equation is not a correct decomposition of  $\frac{10}{11}$ ?

a.  $\frac{1}{11} + \frac{2}{11} + \frac{3}{11} + \frac{4}{11} = \frac{10}{11}$

b.  $\frac{5}{11} + \frac{5}{11} = \frac{10}{11}$

**c.**  $\frac{1}{11} + \frac{2}{11} + \frac{8}{11} = \frac{10}{11}$

d.  $\frac{1}{11} + \frac{2}{11} + \frac{2}{11} + \frac{2}{11} + \frac{3}{11} = \frac{10}{11}$

16) Which relation is correct?

a.  $\frac{3}{7} > \frac{5}{7}$

b.  $\frac{6}{7} < \frac{4}{7}$

c.  $\frac{1}{7} > \frac{3}{7}$

**d.**  $\frac{1}{7} < \frac{5}{7}$

17) Which relation is correct?

a.  $\frac{7}{12} > \frac{7}{9}$

b.  $\frac{7}{8} < \frac{7}{10}$

**c.**  $\frac{7}{13} < \frac{7}{11}$

d.  $\frac{13}{15} > \frac{7}{9}$



18) Which fraction is not equivalent to  $\frac{3}{9}$ ?

a.  $\frac{6}{12}$

b.  $\frac{5}{15}$

c.  $\frac{2}{6}$

d.  $\frac{1}{3}$

19) The order of the fractions  $\frac{5}{10}$ ,  $\frac{3}{12}$ ,  $\frac{2}{6}$ , and  $\frac{10}{15}$  from the greatest to the smallest.

a.  $\frac{10}{15}$ ,  $\frac{5}{10}$ ,  $\frac{3}{12}$ ,  $\frac{2}{6}$

b.  $\frac{3}{12}$ ,  $\frac{2}{6}$ ,  $\frac{5}{10}$ ,  $\frac{10}{15}$

c.  $\frac{10}{15}$ ,  $\frac{5}{10}$ ,  $\frac{2}{6}$ ,  $\frac{3}{12}$

d.  $\frac{10}{15}$ ,  $\frac{3}{12}$ ,  $\frac{5}{10}$ ,  $\frac{2}{6}$

20) Which number fits in the blank?

$$\frac{1}{2} = \frac{?}{22}$$

a. 10

b. 11

c. 12

d. 20



21) Which number fits in the blank?

$$\frac{2}{3} = \frac{18}{?}$$

- a. 6
- b. 9
- c. 19
- d. 27

22) If  $600 \div 60 = 10$ , then the divisor equals.....

- a. 1
- b. 10
- c. 60
- d. 100

23) The quotient of dividing 922 by 3 is ..... and the remainder is 1.

- a. 37
- b. 703
- c. 307
- d. 76

24) If the quotient of dividing 48 by 5 equals 9 and the remainder is 3, which of the following statements can be used to verify that?

- a.  $9 \times 5$
- b.  $(9 \times 5) + 3$
- c.  $(3 \times 9) + 5$
- d.  $(3 \times 9) + (3 \times 5)$



25)  $5 + 30 \div 5 = \dots\dots\dots$

- a. 11
- b. 7
- c. 6
- d. 3

26) Hoda bought 8 books for LE 160, then the price of one book equals .....LE

- a. 12
- b. 168
- c. 152
- d. 20

27)  $15 + (50 \div 10) \times 3 = \dots\dots\dots$

- a. 60
- b. 30
- c. 23
- d. 30

28) The number which if we divided it by 8, the quotient will be 6 and remainder 2 is .....

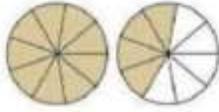
- a. 16
- b. 46
- c. 48
- d. 50



29)  $\frac{7}{12}$  is closer to the benchmark fraction ... ..

- a. 1
- b.  $\frac{1}{2}$
- c.  $\frac{1}{4}$
- d. 0

30) The fraction which represents the shaded parts in the following model is .....



- a.  $\frac{4}{9}$       b.  $\frac{5}{9}$       c.  $\frac{13}{9}$       d.  $\frac{13}{18}$

31) which of the following represents a unit fraction? .....

- a.  $\frac{7}{4}$       b.  $\frac{7}{7}$       c.  $\frac{4}{7}$       d.  $\frac{1}{7}$

32)  $\frac{5}{9} + \frac{4}{9} = \dots\dots\dots$

- a.  $\frac{1}{9}$       b.  $\frac{9}{18}$       c. **1**      d.  $\frac{20}{81}$

33)  $\frac{1}{4} < \frac{1}{\dots\dots\dots}$

- a. 8      b. 7      c. 5      d. **3**

34)  $\frac{20}{7} = \dots\dots\dots$  ( As a mixed number)

- a.  $3 \frac{1}{7}$       b.  $2 \frac{6}{7}$       c.  $2 \frac{1}{7}$       d.  **$1 \frac{6}{7}$**

35)  $4 \frac{1}{2} = \dots\dots\dots$  ( As an improper fraction)

- a.  $\frac{5}{2}$       b.  $\frac{7}{2}$       c.  **$\frac{9}{2}$**       d.  $\frac{9}{4}$

36)  $4 + \frac{7}{11} + 2 + \frac{1}{11} = \dots\dots\dots$

- a.  **$6 \frac{8}{11}$**       b.  $6 \frac{8}{22}$       c.  $2 \frac{6}{11}$       d.  $7 \frac{8}{11}$

37) Which of the following statements is true?

- a.  $\frac{3}{5} = \frac{9}{25}$       b.  $\frac{1}{2} = \frac{5}{15}$       c.  **$\frac{4}{5} = \frac{8}{10}$**       d.  $\frac{2}{10} = \frac{6}{10}$



38) The expanded form for the number 2.35 is .....

a.  $2 + 0.5 + 0.03$

b.  $2 + 0.3 + 0.05$

c.  $3 + 0.5 + 0.02$

d.  $5 + 0.2 + 0.03$

39) The standard form for the number: 3 ones, 5 tenths and 7 hundredths is .....

a.  $3.57$

b.  $3.75$

c.  $7.53$

d.  $5.37$

40) 0.4 is equivalent to .....

a.  $\frac{4}{100}$

b.  $\frac{1}{4}$

c.  $\frac{10}{4}$

d.  $\frac{40}{100}$

41) 71 hundredths equals .....

a.  $\frac{7}{100}$

b.  $0.29$

c.  $0.71$

d.  $\frac{17}{100}$

42)  $\frac{1}{10} + \frac{11}{100} = \dots\dots$

a.  $0.12$

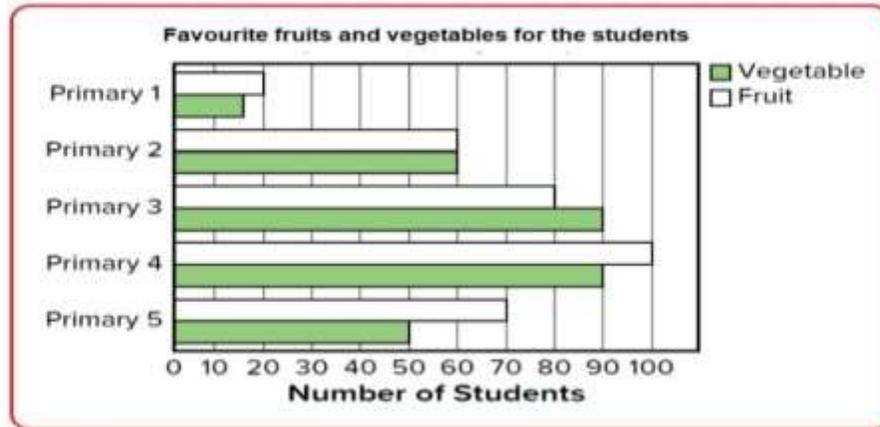
b.  $0.21$

c.  $2.1$

d.  $1.2$



From the following graph (q. 43 , q. 44):



43) Which grade likes vegetables more than fruits?

- a. Primary 2
- b. **Primary 3**
- c. Primary 4
- d. Primary 5

44) What is the total number of students who like vegetables and fruits in grade 4?

- a. 30
- b. 120
- c. 170
- d. **190**

45) To compare between rainfall in the deserts of Africa in the two years 2020 , 2022 we use:

- a. Picture representation
- b. bar graph
- c. Line plot graph
- d. **double par graph**