



## STANDARD FIVE - KNEB 2021

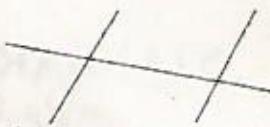
## MATHEMATICS

Time: 2 hrs

1. Write in figures: seven hundred and seven thousand, six hundred and seven?  
 A. 770607  
 B. 707607  
 C. 700607  
 D. 70642
2. Round off 6945 to the nearest 100?  
 A. 6940  
 B. 7000  
 C. 6950  
 D. 6900
3. What is the place value of digit 5 in the number 267540?  
 A. Thousands  
 B. 500  
 C. Hundreds  
 D. Ones
4. Work out:  $62487 + 21304 + 14956$   
 A. 98757                    B. 98647  
 C. 97747                    D. 98747
5. Work out:  $3 - \frac{1}{4} =$   
 A.  $4\frac{1}{4}$                     B.  $2\frac{3}{4}$   
 C.  $2\frac{1}{4}$                     D.  $3\frac{1}{4}$
6. What fraction is not shaded?
- 
- A.  $\frac{6}{12}$                     B.  $\frac{3}{4}$   
 C.  $\frac{7}{12}$                     D.  $\frac{12}{7}$
7. Subtract 10000  

$$\begin{array}{r} 10000 \\ - 9999 \\ \hline \end{array}$$
  
 A. 101                    B. 19999  
 C. 1                        D. 9001
8. What do I get when I add an odd and an even number?  
 A. Odd number  
 B. Mixed number  
 C. Prime number  
 D. Even number
9. How many days are there in the months of January, April and June altogether?  
 A. 93  
 B. 91  
 C. 89  
 D. 90
10. Multiply  $\frac{2}{5}$  by 20 =  
 A. 4  
 B. 8  
 C. 40  
 D. 10
11. What is 39 written in Roman number?  
 A. XXIX  
 B. XXXIX  
 C. XXXIV  
 D. XXLX
12. Find the sum of all prime numbers between 20 – 30.  
 A. 29                      B. 23  
 C. 50                      D. 52
13. Weeks    Days  

$$\begin{array}{r} 13 & 4 \\ - 5 & 6 \\ \hline \end{array}$$
- A. 7 weeks 10 days  
 B. 6 weeks 5 days  
 C. 7 weeks 5 days  
 D. 7 weeks 2 days
14. Find the area of the rectangle below.
- 

- 2
- A.  $90 \text{ cm}^2$   
 B.  $90 \text{ cm}$   
 C.  $250 \text{ cm}^2$   
 D.  $25 \text{ cm}$
15. How many  $\frac{1}{4}$  kg sugar are in 20kg packet?  
 A. 10  
 B. 80  
 C.  $20\frac{1}{4}$   
 D. 5
16. Work out:  $79 \times 9 =$   
 A. 911  
 B. 711  
 C. 701  
 D. 70
17. Convert  $\frac{36}{7}$  into mixed fraction.  
 A.  $7\frac{1}{5}$   
 B.  $36\frac{1}{7}$   
 C.  $5\frac{1}{7}$   
 D.  $3\frac{6}{7}$
18. Victor had sh 800. He gave James sh 315. How much was he left with?  
 A. 1115  
 B. 315  
 C. 385  
 D. 485
19. What is the G.C.D of 6 and 12?  
 A. 2  
 B. 6  
 C. 12  
 D. 3
20. A school director gave out 920 books to be shared among 46 pupils. How many books did each pupils get?  
 A. 46  
 B. 2  
 C. 200  
 D. 20
21. Find the L. C. M of 12 and 36  
 A. 24  
 B. 36  
 C. 12  
 D. 18
22. How many points of intersection are there in the diagram below?
- 
- A. 1  
 B. 5  
 C. 3  
 D. 2
23. What is  $\frac{12}{36}$  written in the simplest form.  
 A.  $\frac{24}{72}$   
 B.  $\frac{6}{18}$   
 C.  $\frac{2}{9}$   
 D.  $\frac{1}{3}$
24. Find the area of a square whose side measures 15cm.  
 A.  $1125 \text{ cm}^2$   
 B.  $30 \text{ cm}^2$   
 C.  $225 \text{ cm}^2$   
 D.  $60 \text{ cm}^2$
25.  $5\frac{2}{3} - 3\frac{2}{5}$   
 A.  $2\frac{1}{5}$   
 B.  $2\frac{4}{8}$   
 C.  $2\frac{4}{15}$   
 D.  $3\frac{4}{15}$
26. Round off 97213 to the nearest hundred  
 A. 97210  
 B. 97310  
 C. 97300  
 D. 97200
27. Work out:  $352 \times 24$   
 A. 8448  
 B. 8848  
 C. 4884  
 D. 8484
28. A lorry carries 654 bags of maize in one trip. How many bags will it carry in 26 trips?  
 A. 3924  
 B. 13280  
 C. 16904  
 D. 17004

29. Change 8000 m in kilometres.

- A. 8.1 km
- B. 800 km
- C. 8 km
- D. 80 km

30. Add

km	m	cm
22	529	49
+19	841	66
_____		

- A. 42 km 371 m 15 cm
- B. 42 km 371 m 115 cm
- C. 41 km 370 m 115 cm
- D. 41 km 1370m 115 cm

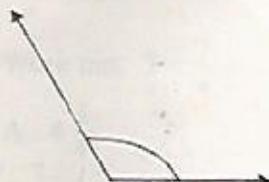
31. Work out:  $4825 + 1579$

- A. 6304
- B. 6404
- C. 6044
- D. 6440

32. Find the sum of  $56184 \div 8 + 3746 =$

- A. 59828
- B. 59938
- C. 510784
- D. 510874

33. What type of angle is shown below?



- A. Reflex
- B. Acute
- C. Obtuse
- D. Equilateral

34. Work out the product of 30 and 24?

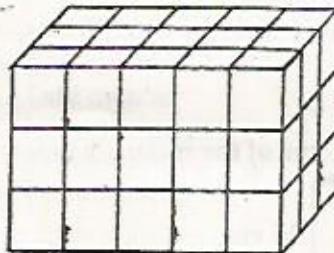
- A. 6
- B. 180
- C. 54
- D. 720

3

35. What is the next multiple of 9 after 117?

- A. 106
- B. 108
- C. 126
- D. 136

36. How many cubes are used to make the stack below?



- A. 15
- B. 45
- C. 60
- D. 75

37. There are 1508 pupils in a certain school. If there are 679 boys, how many girls are there?

- A. 829
- B. 729
- C. 2187
- D. 929

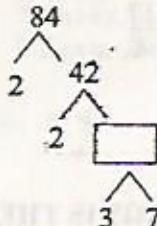
38. Arrange in order from the smallest to the largest  $\frac{3}{4}, \frac{2}{5}, \frac{1}{2}$

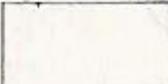
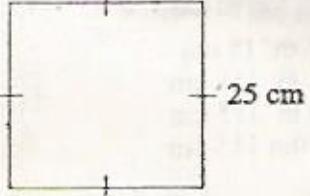
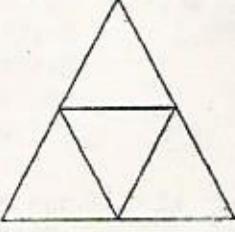
- |  |  |
|--|--|
| A. $\frac{3}{4}, \frac{2}{5}, \frac{1}{2}$ | B. $\frac{1}{2}, \frac{2}{5}, \frac{3}{4}$ |
| C. $\frac{2}{5}, \frac{1}{2}, \frac{3}{4}$ | D. $\frac{3}{4}, \frac{1}{2}, \frac{2}{5}$ |

39. Convert  $\frac{33}{100}$  into a decimal.

- A. 0.33
- B. 3.30
- C. 0.033
- D. 0.30

40. What is the value of the missing number in the factor tree below?



- A. 3  
B. 15  
C. 12  
D. 21
41. What is the total value of digit one in the sum of 5235 and 3942?  
A. 100  
B. 10000  
C. 1000  
D. 10
42. Work out the area of the rectangle below
- 
- 54 cm      36 cm
- A.  $180 \text{ cm}^2$   
B.  $1814 \text{ cm}^2$   
C.  $900 \text{ cm}^2$   
D.  $1944 \text{ cm}^2$
43. Work out:  $35 - 12.189 =$   
A. 47.189  
B. 39.118  
C. 23.189  
D. 22.811
44. Subtract 9001 from 60,000  
A. 50190  
B. 50999  
C. 40999  
D. 50909
45. What is the place value of 6 in 73.46?  
A. Tenths  
B. Thousand  
C. Ones  
D. Hundredths
46. Write  $4\frac{1}{4}$  as an improper fraction.  
A.  $\frac{4}{17}$   
B.  $\frac{4}{16}$   
C.  $\frac{16}{4}$   
D.  $\frac{17}{4}$
47. Work out  $712 \times 58$   
A. 40296  
B. 51296  
C. 41296  
D. 30888
48. What is the area of the square below whose side is 25 cm?
- 
- A.  $225 \text{ cm}^2$   
B.  $625 \text{ cm}^2$   
C.  $100 \text{ cm}^2$   
D.  $50 \text{ cm}^2$
49. Work out:  $8\frac{7}{9} - 2\frac{4}{9}$   
A.  $\frac{9}{3}$   
B.  $101\frac{1}{9}$   
C.  $6\frac{9}{3}$   
D.  $6\frac{1}{3}$
50. How many triangles can you count from the figure?
- 
- A. 6  
B. 4  
C. 5  
D. 3

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