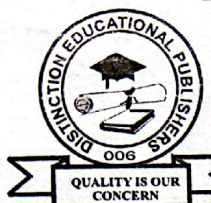


**DISTINCTION KPSEA ASSESSMENT**  
**MONITORING LEARNER'S PROGRESS**  
**GRADE SIX - 2026**



001

**MATHEMATICS**



Time: 1 hr 20 min

1. Learners made digit cards below.

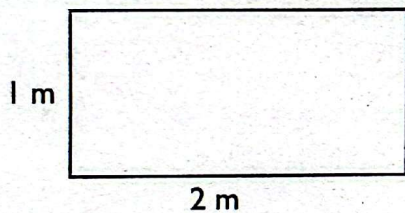


They used the digits to form various 5-digit numbers. Which of the numbers formed was the largest?

- A. 52310                      B. 50132  
C. 51023                      D. 53210
2. Represent 37 using tally marks.
- A. III IIIIIII  
B. ### ### II  
C. ### ### ### ### ### ### III  
D. ### ### ### ### ### ### ### II
3. Which one of the following statements is not true about a square?
- A. All sides are equal in length.  
B. Opposite sides are parallel.  
C. The diagonals are equal in length and bisect each other at right angles.  
D. Has two sides equal.
4. What is the value of  $48 \div 6 \times 4$ ?
- A. 2                              B. 8  
C. 12                             D. 32
5. Write 234 683 in words.
- A. Two hundred and thirty four thousand six eight three.  
B. Twenty three thousand forty six hundred and eighty three.  
C. Two hundred and thirty four thousand six hundred and eighty three.  
D. Two hundred and thirty four thousand six hundred eight three.
6. Write 0.375 as a fraction in its simplest form.
- A.  $\frac{3}{8}$                               B.  $\frac{15}{40}$   
C.  $\frac{375}{1000}$                       D.  $\frac{5}{16}$
7. What is the place value of digit 8 in the number 3 685?
- A. Hundreds                      B. Thousands  
C. Tens                              D. Ones

**WORKING SPACE**

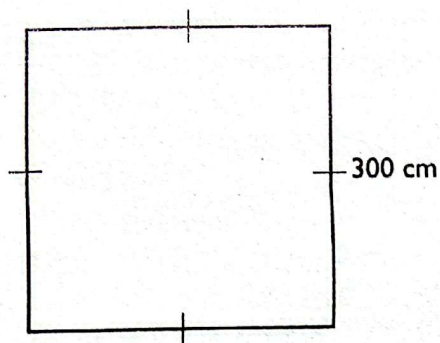
8. Gundo made a model of a rectangle using wires. The model had a length of 100 cm and a width of 50 cm. What is its area?  
 A. 1.5 m<sup>2</sup>                      B. 0.5 m<sup>2</sup>  
 C. 2 m<sup>2</sup>                          D. 50 m<sup>2</sup>
9. Chepng'etich collected sticks whose length were 0.54 m, 0.6 m, 0.72 m and 0.19 m. Arrange the lengths from the shortest to the longest.  
 A. 0.19 m, 0.54 m, 0.6 m, 0.72 m  
 B. 0.72 m, 0.6 m, 0.54 m, 0.19 m  
 C. 0.6 m, 0.19 m, 0.72 m, 0.54 m  
 D. 0.54 m, 0.6 m, 0.19 m, 0.72 m
10. A triangle has angles 30°, 60° and 90°. What type of triangle is it?  
 A. Right-angled                  B. Obtuse  
 C. Acute                              D. Isosceles
11. Convert 720 seconds into minutes.  
 A. 600 minutes  
 B. 10 minutes  
 C. 12 minutes  
 D. 11 minutes
12. Find the area of the nursery bed drawn below?



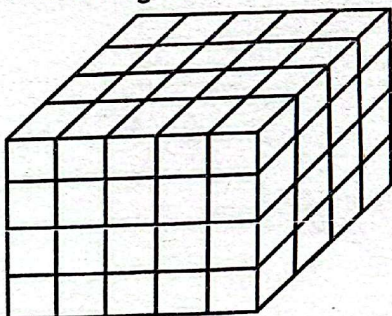
- A. 6 m<sup>2</sup>                              B. 3 m<sup>2</sup>  
 C. 2 m<sup>2</sup>                              D. 4 m<sup>2</sup>
13. Work out:
- |      |     |
|------|-----|
| Km   | M   |
| 28   | 400 |
| - 10 | 840 |
|      |     |
- A. 17 km 560 m  
 B. 18 km 560 m  
 C. 39 km 240 m  
 D. 19 km 560 m
14. Work out  $18 \div 2 \times 3 + 4 - 5$ .  
 $3n + 4 - 2n = 8$   
 A. 2                                      B. 26  
 C. 24                                    D. 31
15. Which of the following numbers is divisible by 2, 5, and 10.  
 362, 120, 375  
 A. 120                                  B. 362  
 C. 375                                  D. All of them



25. During Creative Arts lesson, learners made a square table clothe drawn below. What was its area?



- A. 30 000 cm<sup>2</sup>                      B. 60 000 cm<sup>2</sup>  
 C. 15 000 cm<sup>2</sup>                      D. 90 000 cm<sup>2</sup>
26. Arrange the following fractions from the smallest to the largest.
- A.  $\frac{5}{6}, \frac{3}{4}, \frac{7}{9}, \frac{2}{3}$                       B.  $\frac{2}{3}, \frac{3}{4}, \frac{5}{6}, \frac{7}{9}$   
 C.  $\frac{7}{9}, \frac{5}{6}, \frac{3}{4}, \frac{2}{3}$                       D.  $\frac{2}{3}, \frac{3}{4}, \frac{7}{9}, \frac{5}{6}$
27. A meeting started at 10.15a.m and ended at 2.15p.m. How long did the meeting take?
- A. 8 hours                              B. 5 hours  
 C. 3 hours                              D. 4 hours
28. How many boxes are found in the stack below?



- A. 80                                      B. 60  
 C. 45                                      D. 54
29. Peter bought 6 exercise books at KSh 85 each. He paid using a KSh 1 000 note. How much balance did he get?
- A. sh. 510                              B. sh. 1490  
 C. sh. 490                              D. sh. 536
30. The data below shows different number of animals kept by a certain farmer.

Animals kept	Chicken	Goats	Sheep	Cows	Dogs
Number of animals	18	6	4	7	2

How many animals are kept by the farmer altogether?

- A. 33                                      B. 35  
 C. 34                                      D. 37