

STANDARD FIVE EVALUATION TEST MATHEMATICS

2015

PACEMAKER
SERIES - 006

HOW TO USE THE ANSWER SHEET

1. Use only an ordinary pencil
2. Make sure that you have written on the Answer Sheet
 (i) YOUR INDEX NUMBER (ii) YOUR NAME (iii) NAME OF YOUR SCHOOL Time:-2 Hours
3. By crossing the correct numbered boxes mark your correct answer. Your line must be within the Box

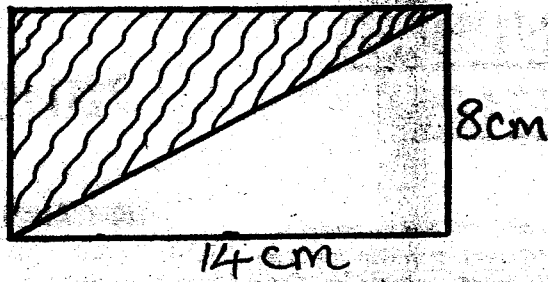
1. Write nine hundred and two thousand one hundred and twenty
 A. 9020120 B. 90200120
 C. 902120 D. 9002120
2. Round off 7351 to the nearest hundred
 A. 7400 B. 7451
 C. 7300 D. 7361
3. Add : $521 + 44000 + 3616 =$
 A. 132260 B. 48137
 C. 47616 D. 47137
4. Subtract : $3\frac{1}{6} - 1\frac{2}{3} =$
 A. $2\frac{3}{6}$ B. $1\frac{1}{2}$
 C. $1\frac{5}{6}$ D. $2\frac{1}{2}$
5. Find the sum of all the prime numbers between 0 and 20
 A. 77 B. 60
 C. 58 D. 92
6. Multiply $\begin{array}{r} 972 \\ \times 25 \\ \hline \end{array}$
 A. 23200 B. 23300
 C. 24200 D. 24300
7. What is the place value of digit 6 in the number 364273 ?
 A. Thousands B. Hundreds
 C. Tens of thousand D. Tens
8. Which one of the following numbers is divisible by 2 and 3
 A. 609 B. 339
 C. 362 D. 504

9. Work out the L.C.M of 24, 32 and 48
 A. 8 B. 16
 C. 36 D. 96
10. What is the next number in the pattern below ?
 13, 15, 19, 25, 33, ___
 A. 43 B. 34
 C. 44 D. 41
11. Work out:

weeks	days
12	3
+ 2	5

 A. 14 wks 8 days
 B. 15 weeks 1 day
 C. 10 wks 2 days
 D. 14 wks 1 day
12. A butcher slaughters 30 goats everyday. How many days will it take to slaughter 360 goats ?
 A. 11 B. 10
 C. 12 D. 13
13. Change $13\frac{1}{2}$ into mixed number
 A. $10\frac{3}{2}$ B. $6\frac{1}{2}$
 C. $5\frac{1}{2}$ D. $7\frac{1}{2}$
14. Simplify $\frac{24}{36}$ into simplest form
 A. $\frac{3}{9}$ B. $\frac{12}{18}$
 C. $\frac{2}{3}$ D. $\frac{1}{3}$

15. Find the area of the shaded part



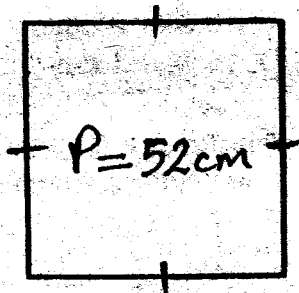
- A. 112 cm^2 B. 56 cm^2
 C. 44 cm^2 D. 22 cm^2

16. Work out:

hr	min	sec
4	20	30
+ 2	46	43

- A. 7 hrs 7 min 13 secs
 B. 6 hrs 66 min 73 secs
 C. 6 hrs 67 min 13 secs
 D. 6 hrs 7 min 13 secs

17. The perimeter of the square below is 52 cm. What is the area?



- A. 13 cm^2 B. 52 cm^2
 C. 169 cm^2 D. 208 cm^2

18. Work out:

$$2.45 \times 8 =$$

- A. 19.6 B. 16.6
 C. 1.96 D. 19.4

19. How many hours are there in 3 days?

- A. 36 hours B. 48 hours
 C. 72 hours D. 8 hours 12 minutes

20. Work out:

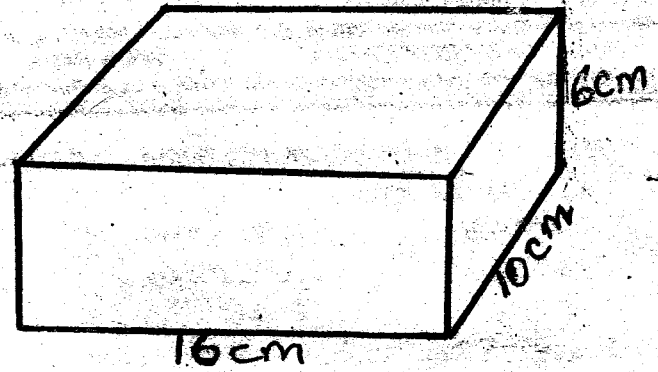
$$18k + 9n - 5k - 2n$$

- A. $13k + 7n$ B. $13k - 7n$
 C. $23k - 11n$ D. $23k + 11n$

21. Change 15km 12 m into metres

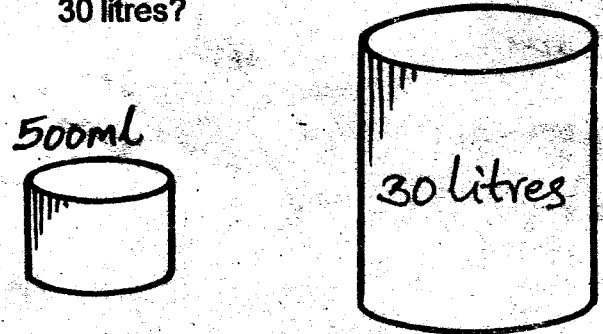
- A. 1512 m B. 27 m
 C. 15012 m D. 15012m

22. What is the volume of the cuboid below?



- A. 960 cm^3 B. 32 cm^3
 C. 160 cm^3 D. 96 cm^3

23. How many 500 ml containers will fill a drum of 30 litres?



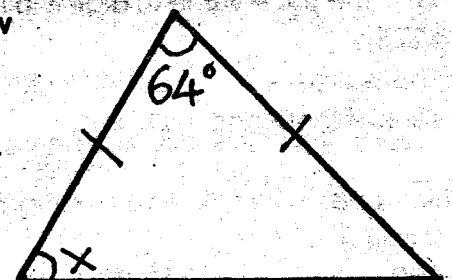
- A. $16 \frac{2}{3}$ B. 60
 C. 6 D. 12

24. Name the angle shown below



- A. acute angle B. reflex angle
 C. obtuse angle D. right angle

25. Find the size of the angle marked x in the figure below



- A. 116° B. 90°
 C. 58° D. 64°

26. Find the missing number : $7\frac{1}{8} = 7\frac{?}{48}$

- A. 56
C. 42
- B. 6
D. 45

27. Add : $0.01 + 12 + 3.02 + 1.11 =$

- A. 16. 14
C. 52. 14
- B. 4. 26
D. 4. 34

28. Find the G.C.D of 9, 18 and 27

- A. 54
C. 6
- B. 9
D. 18

29. What is the place value of digit 7 in the number 46. 273? -

- A. tens
C. tenths
- B. hundredths
D. thousandths

30. Divide : $3618 \div 18$

- A. 210
C. 201
- B. 21
D. 2001

31. Osako walked from his home to a market $3\frac{7}{10}$ km away and then to a church $\frac{1}{2}$ km away from the market. How long was the whole journey?

- A. $3\frac{1}{5}$ km
C. $4\frac{1}{5}$ km
- B. $5\frac{1}{10}$ km
D. $3\frac{8}{12}$ km

32. Convert $\frac{1}{4}$ as a decimal

- A. 0. 75
C. 0. 4
- B. 0. 25
D. 1. 4

33. Fatuma carried 8500 g of maize . Ali carried $8\frac{1}{4}$ kg of rice and Juma carried 8.4kgs. Who carried the heaviest mass ?

- A. Fatuma
B. Juma
C. Ali
D. They all carried the same

34. Work out : $152 \text{ kg } 7555 \text{ g} + 5$

- A. 34 kg 151 g
C. 32 kg 251 g
- B. 30 kg 151 g
D. 30 kg 551 g

35. What is the cost of 1kg of rice if 6 kg of rice cost sh 720 ?

- A. sh 726
C. sh 714
- B. sh 120
D. sh 36

36. Solve the equation

$$8k + 4 = 84$$

- A. 10
C. 88
- B. 11
D. 96 k

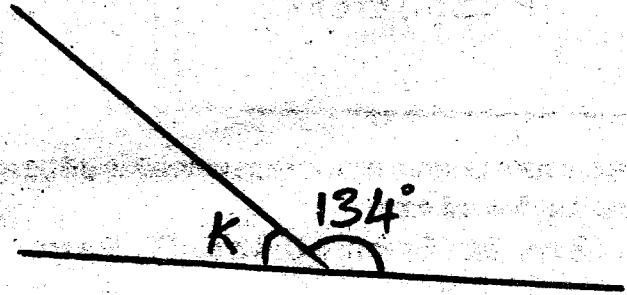
37. Kyalo went to the shop and bought the following items

2 kg of sugar at sh 100 per kg
2 litres of milk at sh 25 per litre
1 loaf of bread at sh 30

If he gave the shopkeeper sh. 1000 note, how much balance was he given ?

- A. sh 280
C. sh 1280
- B. sh 720
D. sh 845

38. Find the value of angle k below

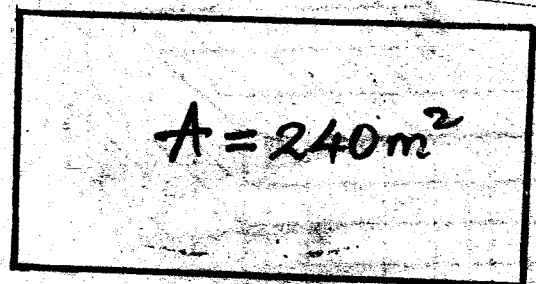


- A. 90°
C. 46°
- B. 134°
D. 58°

39. Kamau left home at 10.00 am to the market. He arrived at 12.30 pm. How long was his journey?

- A. 2 hrs 30 mins
C. 1 hr 30 mins
- B. 3 hrs
D. 2 hrs

40. The area of a rectangle below is 240 m^2 . If the length is 20 m, find the width



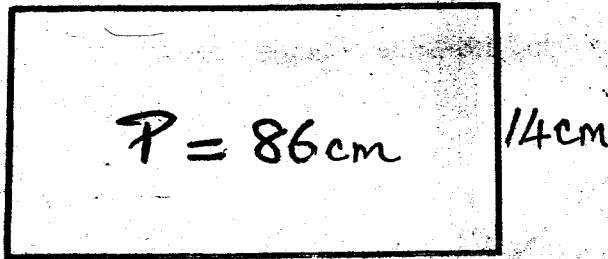
- A. 480 cm
C. 100 m
- B. 40 m
D. 12 m

41. Arrange the following fractions from the smallest to the largest $\frac{3}{4}, \frac{3}{5}, \frac{2}{5}, \frac{2}{3}$

A. $\frac{3}{4}, \frac{2}{3}, \frac{2}{5}, \frac{2}{8}$ B. $\frac{3}{5}, \frac{2}{5}, \frac{3}{4}, \frac{2}{3}$

C. $\frac{3}{5}, \frac{2}{5}, \frac{2}{3}, \frac{3}{4}$ D. $\frac{3}{4}, \frac{3}{5}, \frac{2}{5}, \frac{2}{3}$

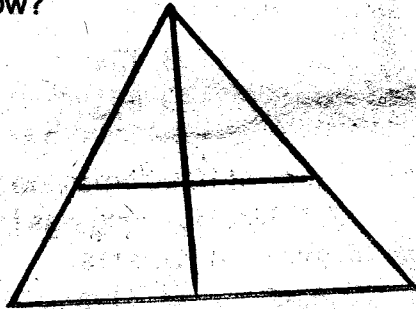
42. The figure below shows a rectangular board



Calculate its length given its perimeter is 86 cm and width is 14 cm

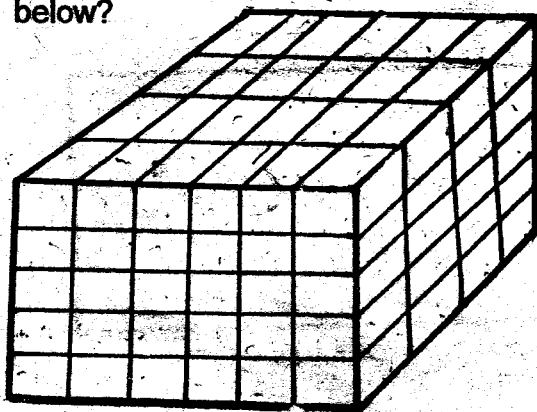
- A. 28 cm B. 36 cm C. 43 cm D. 29 cm

43. How many triangles are there in the figure below?



- A. 7 B. 5 C. 4 D. 6

44. How many small cubes are there in the stack below?



- A. 120 B. 240
C. 69 D. 100

45. Work out: $\frac{3}{10} + \frac{2}{5}$

- A. $1\frac{1}{20}$ B. $\frac{9}{10}$
C. $\frac{19}{20}$ D. $1\frac{19}{40}$

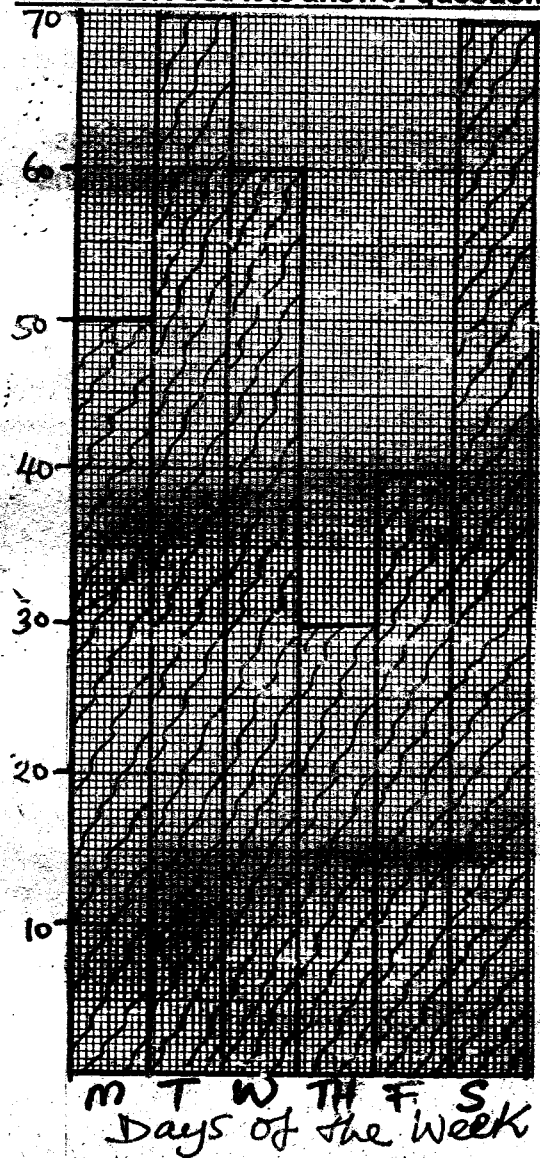
46. What is the total value of digit 4 in the number 4.237

- A. 0.4 B. 0.004
C. 4 D. 40

47. How many days were there in the months of January, February and June year 2012?

- A. 91 B. 92 C. 90 D. 89

Bosire was collecting some money for the wildlife club. The graph below shows his collection. Use it to answer questions 48-50



48. How much money did he collect on Friday?

- A. 30 B. 40 C. 60 D. 70

49. On which day did he collect the least amount?

- A. Thursday B. Friday
C. Tuesday D. Saturday

50. How much did he collect altogether?

- A. 310 B. 300
C. 280 D. 320