

Hi,  
abhi,  
TIMER NATIONAL SERIES  
EVALUATION TEST  
STD 6 MATHEMATICS

{6}

Time: 2 hrs

- Which of the following numbers is two million, twenty thousand, two hundred and two in figures?  
A. 2 020 220  
B. 2 002 022  
C. 2020 202  
D. 2 200 202
- What is 97 937 rounded off to the nearest thousand?  
A. 100 000  
B. 98 000  
C. 97 000  
D. 97 940
- What is the place value of digit 5 in the number 143.2859?  
A. Tenths  
B. Hundredths  
C. Thousands  
D. Thousandths
- What is the largest number that can be formed by digits 2, 0, 3, 8 and 9?  
A. 98 320  
B. 90 832  
C. 89 320  
D. 20 389
- What is the sum of HCF and LCM of 18, 24 and 36?
- Which of the following numbers is divisible by 8?  
A. 2 542  
B. 2 982  
C. 2584  
D. 2 687
- The area of a square piece of land is 289m. What is the perimeter of the square?  
A. 34m  
B. 68m  
C. 136m  
D. 78m
- Subtract  $9\%$  from 13  
A. 4l,  
B. 4l,  
C. 3%,  
D. 3%
- In a wedding party, the number of men were 5 240 while that of women was 540 less than men. The children were 240 more than the adults. How many people attended the party altogether?  
A. 20 120  
B. 10 180  
C. 5240  
D. 13 480



C. 144

B. 78

D. 60

12. What is the value of  $\sqrt{256}$  ?

A. 16

B. 128

C. 4

D. 64

6. Work out:  $[76 \div 6]$

A. 80

B. 70

C. 50

D. 60

7. What is the reciprocal of  $7\frac{1}{2}$ ?

13. Find the circumference of the circle below.

A. 22cm

B. 88cm

C. 66cm

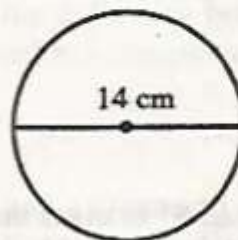
D. 44cm

A.  $\frac{4}{31}$

B.  $4\frac{1}{7}$

C.  $\frac{24}{5}$

D.  $\frac{31}{4}$





C.3

D.11

1.5 m

What is its volume in cubic centimetres?

- A. 9 000 000cm
- B. 900 000cm
- C. 90 000cm
- D. 9 000m'

25. Add:  $58.87 + 0.0048 + 9.3 + 6$

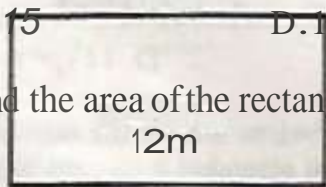
- A. **81.5238**
- B. 68.4328
- C. 76.4328
- D. 74.1748



26. What is 45% as a fraction in its simplest form?
- A.  $\frac{9}{25}$                       B.  $\frac{9}{20}$   
 C.  $\frac{45}{100}$                       D.  $\frac{45}{100}$

27. What is the sixth number in the pattern below?  
 5, 7, 11, 13
- A. 17                              B. 23  
 C. 15                              D. 19

28. Find the area of the rectangle below



$P=40m$

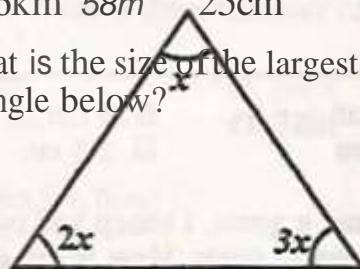
- A. 480 m                      B. 80 m  
 C. 96 m                      D. 40 m
29. Stacy walks from home to school and back in the evening everyday. If the distance between home and school is 5 km 400 m, what distance does she cover in five days?
- A. 54 km  
 B. 27 km  
 C. 13.5 km  
 D. 52.5 km
30. Simplify  $5(3x + 2y) + 3(2x + 3y)$
- A.  $19x + 21y$   
 B.  $21x + 19y$   
 C.  $21x - 19y$   
 D.  $40x$
31. What is  $\frac{1}{1000}$ , as a decimal correct to three decimal places?

33. Which one of the following statements is true about an obtuse angle? It is
- A. larger than  $90^\circ$  but less than  $180^\circ$   
 B. larger than  $180^\circ$  but less than  $360^\circ$   
 C. always less than  $90^\circ$   
 D. a right angle

34. Divide:  $6j36m \ 349m \ 50m$

- A. 6km 85m 25cm  
 B. 5km 58m 25cm  
 C. 6km 56m 35cm  
 D. 6km 58m 25cm

35. What is the size of the largest angle in the triangle below?



- A.  $120^\circ$   
 B.  $90^\circ$   
 C.  $60^\circ$   
 D.  $30^\circ$
36. A lorry covered 240 km in 3 hours. What was its speed?
- A. 80km/hr                      B. 90km/hr  
 C. 70km/hr                      D. 60km/hr
37. The price of a kilogram of a rice dropped to sh. 80 after a drop of sh. 25. What was the cost of the rice before the drop?
- A. Sh. 95  
 B. Sh. 65  
 C. Sh. 105  
 D. Sh. 115

A. 0.5833

- B. 0.58  
C. 1.000  
D. 0.583
32. In a school,  $\frac{1}{3}$  of the pupils were girls. If there are 240 boys, how many pupils are there altogether?  
A. 500                      B. 480  
C. 600                      D. 900
38. What is the difference between the supplement and complement of  $40^\circ$ ?  
A.  $180^\circ$                       B.  $90^\circ$   
C.  $90^\circ$                       D.  $180^\circ$
39. Bernice had a sugarcane 8m long. She cut it into 1 metre pieces. How many cuts did she make?  
A. 5                              B. 6  
C. 8                              D. 7

t

40. Multiply:  $\begin{array}{r} I \\ 30 \\ \times \\ \hline dl \\ 8 \\ 6 \end{array}$

- A. 1841  $8dl$
- B. 1801  $48dl$
- C. 1801  $8dl$
- D. 1881  $4dl$

41. Kipkemei bisected the line drawn below, what was the length of each part?

- A. 4.5 cm
- B. 4cm
- C. 3.5 cm
- D. 2.5 cm

42. Timoe had  $g$  goats,  $t$  sheep and twice as many cows as goats. How many animals does he have altogether?

- A.  $3g+t$
- B.  $4g+2t$
- C.  $g+3t$

D.  $2g+t$

43. What is the sum of prime numbers between 70 and 90?

- A. 382
- B. 395
- C. 482
- D. 412

44. Ouma bought the following items from a shop.

$2 \text{ kg of sugar @ } 105$   
 $5 \text{ litres of milk @ } 40 \text{ each}$

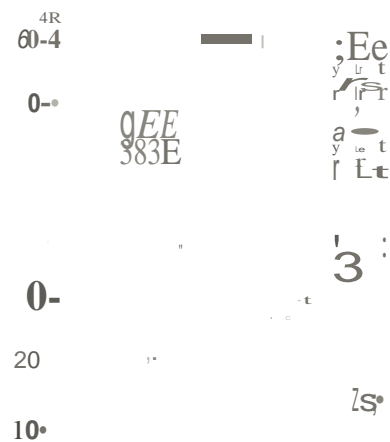
47. The figure below is a triangle whose area is  $108 \text{ cm}^2$ . If the base length is  $18 \text{ cm}$ , what is its perpendicular height?

- A. 12 cm
- B. 6 cm
- C. 18 cm
- D. 24 cm

48. Add:  $2\% + 8\% + 4\%$

- A.  $14\%$
- B.  $15\%$
- C.  $13\%$
- D.  $14\%$

49. The graph below shows the number of patients that attended a certain hospital in a week.



$2 \text{ kg of meat @ } 600$   
 $5 \text{ eggs @ } 15.00$

How much balance did he receive if he gave out sh. 2 000?

- A. Sh. 1 980                      B. Sh. 15
- C. Sh. 1 908                      D. Sh. 1 985

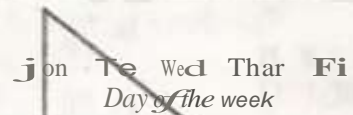
45. Convert 3.5ha into square metres.
- A. 35 000m                      B. 3 500m
  - C. 350m'                         D. 35m

46. Channe's salary is 36 000. If she spent 90% of the salary and saved the rest, how



much did she save?

- A. Sh. 6 000                      B. Sh. 24 000
- C. Sh. 3 600                      D. Sh. 30 000



What was the average number of patients in that week?

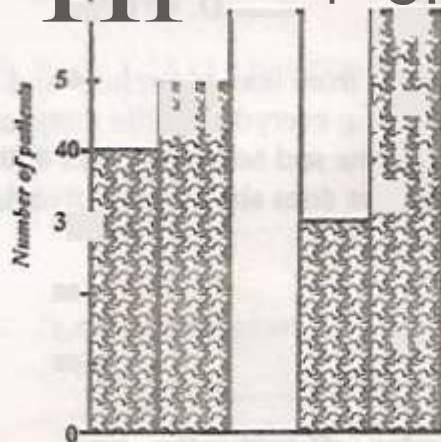
- A. 45                                 B. 36
- C. 30                                 D. 40

50. Which of the following is the next patter

# i m

"! z 7 1                                 E J

, 5 3 a                                 P 5 H N



B