

TIMER NATIONAL SERIES { 6 }

EVALUATION TEST

CODE0062021 STD 6 MATHEMATICS

Time: 2 hrs

- What is 5 637 405 in words?
A. Five hundred and sixty three thousand seven hundred and forty five
B. Five million six hundred and thirty seven thousand and forty five
C. Five million six hundred and thirty seven thousand, four hundred and five
D. Five million SIX thousand and thirty seven thousand four hundred and five
- What is the total value of digit 9 in the number 290 123?
A. 900 000
B. 90 000
C. 9000
D. 900
- What is the value of:
 $11.01 + 32 + 0.4812$?
A. 43.491
B. 40.421
C. 4.4251
D. 445.51
- What is the value of the angle marked x in the figure below?
A. 66°
C. 58°
B. 38°
D. 48°
- April 13th 2013 was on a Friday. Which day was 5th May the same year?
A. Saturday
C. Monday
B. Sunday
D. Tuesday
- Calculate the area of the triangle below

24 cm



4. Subtract 65273 from 871 618
- A. 816 445 B. 806 345
C. 814465 D. 806 445

5. What is 45% expressed as a fraction in its simplest form?

- A. $\frac{1}{2}$ B. $\frac{1}{3}$
C. $\frac{1}{4}$ D. $\frac{2}{25}$

6. Which of the following numbers is divisible by four?

- A. 29 642 B. 11 447
C. 36 400 D. 10293

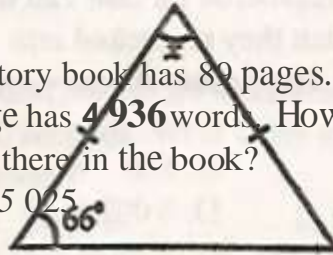
7. What is $4 + (8 \div 2)$?

- A. 17 B. 97
C. 25 D. 13

- A. 300cm° B. $840\text{cm}'$
C. $168\text{cm}'$ D. 84cm

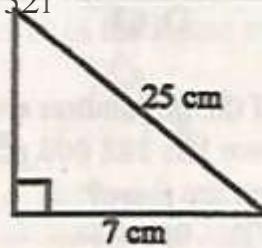
11. A story book has 89 pages. Every single page has 4936 words. How many words are there in the book?

- A. 5 025
B. 493 304
C. 55 025
D. 439 304



12. Work out the sum of:
48 526 and 7 087

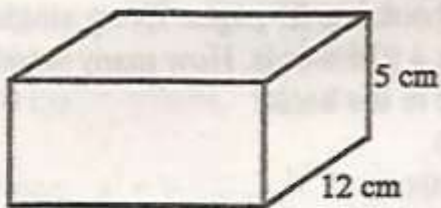
- A. 55 613
B. 52 561
C. 55 261
D. 56 521



- A. 14400 cm
- C. 41 cm

- B. 1440cm
- D. 144m

19. A motorist travelled at a speed of 54 km/h. What is his speed in m/s?
- A. 10m/s
 - B. 15m/s
 - C. 20m/s
 - D. 30m/s



25. Alison left town A for town B at 10.34 am. She took 2 h 30 min to reach town B. At what time did she reach town B in 24 hour clock system?
- A. 1034 h
 - B. 124 h
 - C. 1304 h
 - D. 1404 h

26. Divide: $51 \div 17\frac{1}{2}$
- A. %, B. I,
 - C. 3 D. %

STD 6 TIMER MATHS 006 2021

24. What is $(5\frac{1}{2})^2$?
- A. $\frac{11}{2}$
 - C. $30\frac{1}{4}$

27. Express $\frac{1}{4}$ as a mixed number
 A. $4\frac{1}{4}$, B. 9%
 C. 9% , D. 5%
28. Calculate the circumference of the circle below (Take $\pi = \frac{22}{7}$)
- A. 1386 cm B. 63cm
 C. 66 cm D. 132cm
29. Three bells rung at intervals of 4 min, 5 min and 8 min. After how many minutes will they ring again?
 A. 40 min B. 60 min
 C. 80 min D. 20 min
30. Simplify:
 $3(4r+3n) + 2(3r- 2n)$
 A. $18r+ 15n$
 B. $18r+ 5n$
 C. $21r+2n$
 D. $6r+ 5n$
31. An empty carton weighs 3.2 kg. When books each weighing 500 g are packed in it, the mass becomes 16.2 kg. How many books are packed in the carton?
 A. 26 B. 18
34. Anthony's family consumes 500 ml of milk everyday. How many litres of milk did they consume in May 2015?
 A. 15.5 l B. 155 l
 C. 515 l D. 15500 l
35. What is the product of $\frac{2}{3}$, $\frac{1}{2}$ and $\frac{1}{3}$?
 A. $\frac{2}{9}$, B. $\frac{3}{2}$,
 C. $\frac{2}{9}$, D. 3
36. Omari can drive a distance of 1 500 m in 60 seconds. What is his speed in metres per second?
 A. 30 m/s B. 25 km/hr
 C. 25 m/s D. 15 m/s
37. Arrange the fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{1}{5}$ from the smallest to the largest?
 A. $\frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$
 B. $\frac{1}{5}, \frac{1}{3}, \frac{1}{4}, \frac{1}{2}$
 C. $\frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{1}{2}$
 D. $\frac{1}{3}, \frac{1}{4}, \frac{1}{2}, \frac{1}{5}$
38. What is the size of the angle marked with the letter m in the figure below?
- A. 54° B. 126°
 C. 108° D. 128°

C. 42

D. 91

32. A butcher cut 12 kg of meat into $\frac{1}{3}$ kg portions. How many portions of this size did he get?

A. 9

B. 16

C. 15

D. 20

33. Mary packed 28 kg of sugar into 1 kg packets. He sold each packet at sh.80. How much money did she get from the sale of these packets?

A. Sh. 1 280

B. Sh.1 180

C. Sh. 2240

D. Sh. I 080

39. Hellen had 60 hens. Twenty of the hens died. What fraction of the hens remained?

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

B. $\frac{1}{3}$ %

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

D. %

40. Multiply:

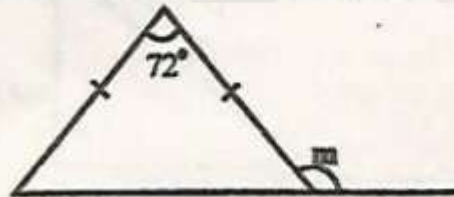
Litres	dl	ml
8	2	24
x		8

A. 64 l 16 dl 192 ml

B. 65 l 7 dl 92 ml

C. 64 l 35 dl 2 ml

D. 65 l 8 dl 92 ml



41. What is the value of x in the figure below?

- A. 60°
- B. 70°
- C. 90°
- D. 45°

42. What is the perimeter of the semicircle drawn below? (Take $\pi = \frac{22}{7}$)

- A. 72cm
- B. 44cm
- C. 88cm
- D. 66 cm

43. John bought a goat for Sh.2 000 and later sold it for Sh. 2 500. What was his percentage profit?

- A. 20%
- B. 25%
- C. 30%
- D. 50%

44. Mary's home is $\frac{3}{4}$ km from her school. If she goes to school and comes back in the evening, what distance does she cover in a week?

- A. 28 km

47. Hope academy has 530 pupils. Each pupil was given 8 exercise books. How many exercise books were given out to the pupils altogether?

- A. 4340
- B. 5240
- C. 4040
- D. 4240

48. The bar graph below shows the attendance of pupils in a class of 50 pupils



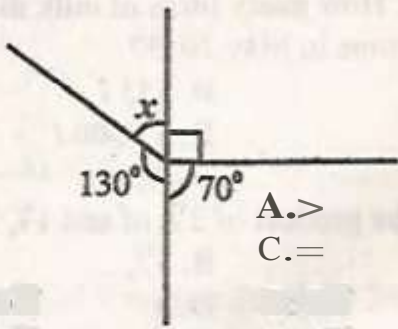
On which day was attendance of pupils equal to 40%.

- A. Monday
- B. Tuesday
- C. Wednesday
- D. Thursday

49. Use the symbol $>$, $=$ or $<$ to complete the statement below

$17.75 + 0.25$ $25 + 17.57$

- C. 49 km



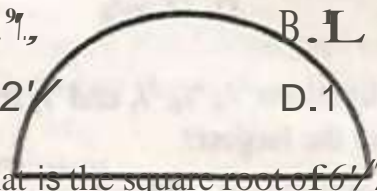
- B. 7km
- D. 35 km

- A. >
- C. =

45. Evaluate: $g \pm b \pm c$
 abc
 when $a=2, b=3$ and $c=4$

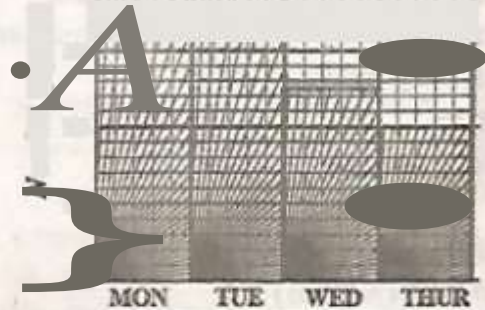
- A. 9,
- B. 1
- C. 2'
- D. 1

46. What is the square root of $6\frac{1}{2}$
 A. $3\frac{1}{2}$
 B. 6I
 C. $2\frac{1}{2}$
 D. $2\frac{1}{2}$



- B. <
- D.
- Non
- e

50. What is the next shape in the pattern?



<rn <TIME MATHS 6 2021

