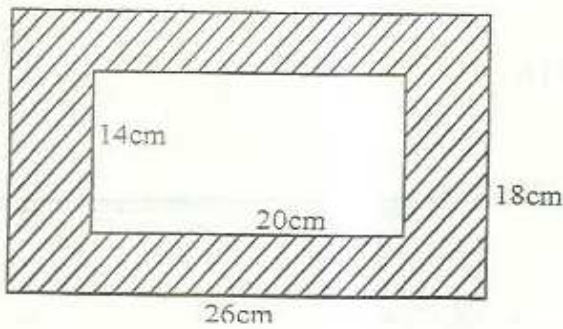


PRIMARY END TERM 3 EXAMS 2016

MATHEMATICS STD 6

Osiligi House, Opposite KCB, Ground Floor
Off Magadi Road, Ongata Rongai | Tel: 0711 88 22 27
E-mail: infosnkenya@gmail.com | Website: www.schoolsnetkenya.com

12. Find the area of the shaded part.



- A. 280m^2 B. 188m^2
 C. 468m^2 D. 244m^2
13. Give the reciprocal of $3\frac{3}{4}$.
- A. $3\frac{3}{4}$ B. $\frac{4}{15}$
 C. $\frac{15}{4}$ D. $\frac{4}{15}$
14. Evaluate $16\frac{1}{5} \times \frac{8}{9}$
- A. $16\frac{2}{5}$ B. $14\frac{2}{5}$
 C. $\frac{8}{5}$ D. $4\frac{12}{5}$
15. A bus left Nairobi at 5.10am and arrived in Nakuru at 10.15am. How long did it take from Nairobi to Nakuru?
- A. 5hrs 15min
 B. 505hrs
 C. 55hrs
 D. 5hrs 5min
16. Work out $2\frac{6}{7} \div 1\frac{1}{7}$
- A. $\frac{2}{5}$ B. $3\frac{13}{49}$
 C. 4 D. $2\frac{1}{2}$
17. Find the sum of prime numbers between 30 and 50
- A. 248
 B. 238
 C. 108
 D. 199
18. Work out $1 - \frac{29}{60}$
- A. $\frac{60}{60}$ B. $\frac{23}{60}$
 C. $\frac{29}{59}$ D. $\frac{31}{60}$

19. Convert 0.0125 into a fraction in its simplest form.

A. $\frac{1}{400}$ B. $\frac{1}{800}$
 C. $\frac{1}{8}$ D. $\frac{1}{80}$

20. Work out $236 \overline{)24072}$

A. 12
 B. 102
 C. 120
 D. 1002

21. Forestry department planted 3987 rows of trees. There were 467 trees in each row. How many trees did they plant together?

A. 1879399
 B. 861529
 C. 1861929
 D. 1761829

22. Add $3698 + 49379 + 36$

A. 43112
 B. 63112
 C. 43213
 D. 53113

23. Work out 8.002×100

A. 8002 B. 80.02
 C. 800.2 D. 8002

24. What is the value of $3283 - 647$?

A. 2636 B. 1637
 C. 4930 D. 2630

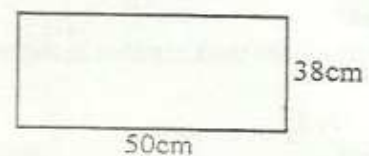
25. What is the number just before 720000?

A. 719999
 B. 720001
 C. 729999
 D. 709999

26. Work out $79325 + 534$

A. 136975
 B. 79809
 C. 79859
 D. 79899

27. Find the perimeter of the figure below.

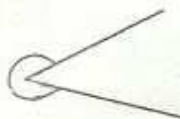


A. 88cm
 B. 160cm
 C. 176cm
 D. 1900cm

28. How many $\frac{1}{2}$ litres jars can fill the bucket of water?

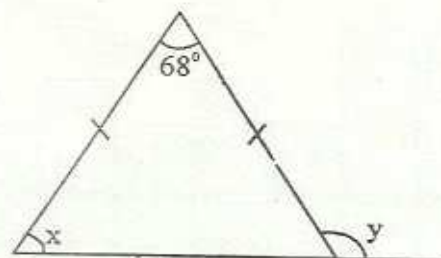


- A. 18
B. 72
C. $18\frac{1}{2}$
D. 36
29. Write $\frac{48}{72}$ in its simplest form.
A. $\frac{2}{3}$
B. $\frac{4}{6}$
C. $\frac{24}{36}$
D. $\frac{3}{4}$
30. Which of the following numbers is divisible by 4?
A. 78436
B. 6934
C. 89422
D. 7249
31. The type of angle below is a _____ triangle.

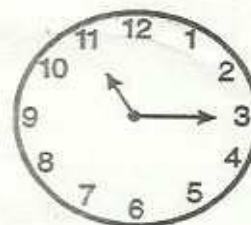


- A. right
B. acute
C. obtuse
D. reflex
32. What is the square root of 49?
A. 7
B. 2401
C. 196
D. 98
33. Change 890ml into litres.
A. 89l
B. 89.0l
C. 0.89l
D. 8.90l
34. Arrange the fractions from the smallest to the largest.
 $\frac{1}{2}, \frac{1}{3}, \frac{1}{6}, \frac{1}{4}, \frac{1}{5}$
A. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{5}, \frac{1}{6}$
B. $\frac{1}{6}, \frac{1}{5}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$
C. $\frac{1}{5}, \frac{1}{2}, \frac{1}{6}, \frac{1}{3}, \frac{1}{4}$
D. $\frac{1}{2}, \frac{1}{4}, \frac{1}{3}, \frac{1}{6}, \frac{1}{5}$
35. Convert 880 minutes into hours and minutes
A. 14hrs 04min
B. 15hrs
C. 14hrs 40min
D. 14hrs 4min

36. Find the value of x and y respectively

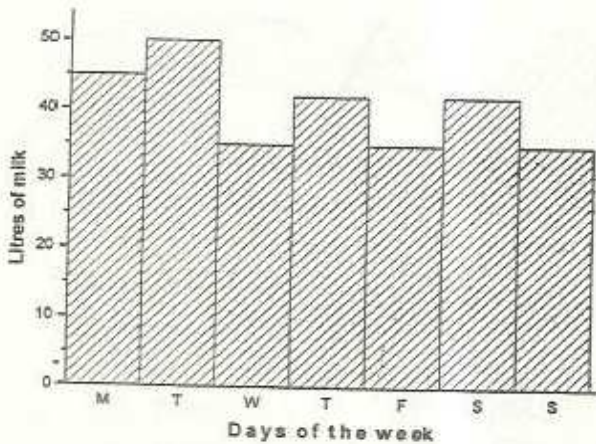


- A. $124^\circ, 56^\circ$
B. $54^\circ, 136^\circ$
C. $56^\circ, 112^\circ$
D. $56^\circ, 124^\circ$
37. Solve the equation $8p - 40 = 24$
A. 10
B. 8
C. 5
D. 3
38. Work out $(1\frac{1}{5})^2$
A. $1\frac{11}{25}$
B. $1\frac{1}{3}$
C. $1\frac{12}{25}$
D. $1\frac{2}{5}$
39. Convert as a decimal $\frac{87}{100}$
A. 8.70
B. 0.875
C. 0.87
D. 0.25
40. Work out $399.32 + 20.25 + 0.07$
A. 419.91
B. 598.54
C. 417.81
D. 419.64
41. What is the time shown on the clock face in words?



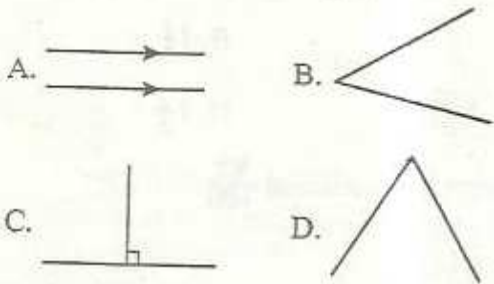
- A. Quarter to eleven
B. Quarter to noon
C. Quarter past eleven
D. Quarter past noon

Use the graph below to answer question 42



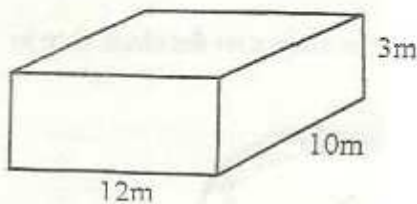
42. On which day was the milk production highest?
 A. Tuesday
 B. Thursday
 C. Wednesday
 D. Monday

43. Which of the following is a perpendicular line?



44. Round off to the nearest ten 623
 A. 700
 B. 623
 C. 620
 D. 600

45. Find the volume of the figure below.



- A. 360cm^2
 B. 300cm
 C. 360m^3
 D. 3.06m^2

46. Which of the following numbers is divisible by 8?

- A. 909183
 B. 32644
 C. 59368
 D. 41286

47. What is the next number in the pattern below?
 4, 8, 14, 22, 32, _____

- A. 40
 B. 44
 C. 38
 D. 42

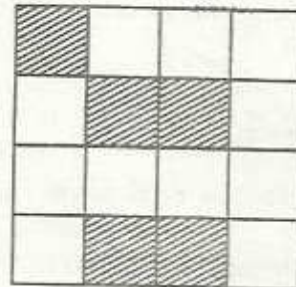
48. Write $\frac{29}{6}$ as a mixed fraction

- A. $4\frac{5}{6}$ B. $2\frac{9}{6}$
 C. $\frac{6}{29}$ D. $5\frac{1}{16}$

49. In the school, there are 1000 pupils $\frac{2}{5}$ of them are girls. How many girls are there?

- A. 6000
 B. 400
 C. 800
 D. 600

50. What fraction is shaded?



- A. $\frac{16}{16}$ B. $\frac{4}{16}$
 C. $\frac{5}{16}$ D. $\frac{11}{16}$