

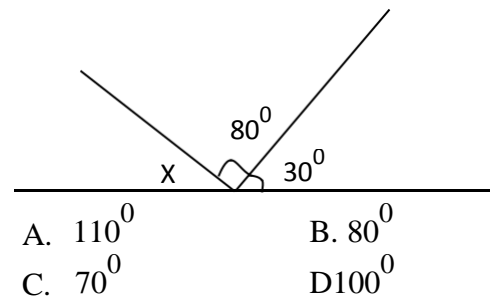
SHINYALU SOUTH CLUSTER

MATHEMATICS STD SIX (6) – 2020

- What is the value of digit 8 in 958431
A. 800 B. 80000
C. 800000 D. 8000
- Write in symbols four million four thousand and sixty one?
A. 4940061 B. 4004061
C. 4400061 D. 4000461
- The area of a square room is 324cm^2 . What is the measure of one of its sides.
A. 81 cm B. 36 cm
C. 18 cm D. 72 cm
- Round off 8.601 to 2 decimal places
A. 8.6 B. 8.60
C. 0.6 D. 8.600
- Write 45% as a fraction in its simplest form
A. $\frac{45}{100}$ B. $\frac{9}{20}$
C. $\frac{9}{20}$ D. $\frac{9}{100}$
- What is the sum of GCD and LCM of 20 and 35
A. 5 B. 28
C. 140 D. 145
- Work out $87.5 \div 2.5$
A. 35 B. 3.5
C. 0.35 D. 3.05
- Which of the following number is divisible by 6
A. 37586 B. 58386
C. 909183 D. 689432
- The area of a triangle is 72cm^2 . If its base is 16cm. find the height?
A. 18 cm B. $4\frac{1}{2}$ cm
C. 9 cm D. 8 cm

- What is the place value of digit 5 in 42.6053
A. Hundredths
B. Tenths
C. Thousandths
D. Ten thousandths
- Work out $40\sqrt{57600}$
A. 144 B. 1440
C. 14400 D. 04
- What is the next number in series 100, 121, 144, 169, _____
A. 81 B. 256
C. 225 D. 196

13. What is the size of the angle marked X



14. Round off 8962 to the nearest hundred

A. 8900 B. 9000
C. 8800 D. 8960

15. Multiply

Week	Days
14	4
x	6
<hr/>	
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- A. 87 weeks 4 days
B. 88 weeks 4 days
C. 87 weeks 3 days
D. 86 weeks 3 days

16. Work out $\frac{3}{7} \div \frac{3}{7} =$

- A. $\frac{1}{7}$
- B. $\frac{1}{7}$
- C. $\frac{9}{112}$
- D. $1\frac{2}{7}$

17. James walks from home to school every day. If from his home to school is 8 km and 600m. what distance does he cover every day in kilometers

- A. 8.6 km
- B. 17.02 km
- C. 17.2 km
- D. 86 km

18. What is the value of $9^2 + 3^2$

- A. 108
- B. 27
- C. 24
- D. 90

19. What is the value of $\frac{5}{6} \div \frac{1}{5}$

- A. $\frac{5}{6}$
- B. $1\frac{1}{5}$
- C. $\frac{5}{6}$
- D. $\frac{5}{6}$

20. Convert 200 minutes into hours

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

21. What is 651×37

- A. 17087
- B. 23081
- C. 23087
- D. 24087

22. Work out $8\frac{1}{2} \times 15$

- A. 129
- B. $120\frac{3}{4}$
- C. 120
- D. 48

23. Find the value of W and X respectively

- A. 5,1
- B. 5, 4
- C. 9,11
- D. 8,4

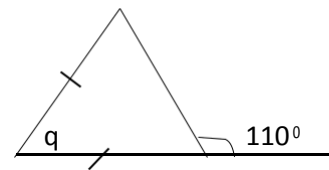
10	3	
W	7	
	11	X

24. A piece of wood measures 23 m and 72cm what is the measurement of 9 such pieces

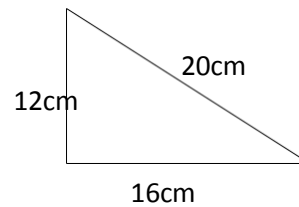
- A. 207 m 46 cm
- B. 207m 648 cm
- C. 213m 48cm
- D. 213 m 648cm

25. In a figure below, find the measure of angle q

- A. 40°
- B. 70°
- C. 110°
- D. 140°



26. Find the perimeter of the figure below

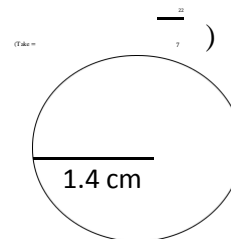


- A. 96 cm
- B. 48 cm
- C. 24 cm^2
- D. 36 cm^2

27. Write the reciprocal of $10\frac{1}{2}$

- A. $1\frac{1}{10}$
- B. $1\frac{1}{7}$
- C. $10\frac{10}{107}$
- D. $\frac{10}{107}$

28. Find the circumference of the figure below



- A. 8.8 cm
- B. 4.4 cm^2
- C. 88 cm^2
- D. 44 cm

29. Jane took 5 hours to travel a distance of 390 km at what speed was he driving

- A. 1950 km/h
- B. 78 km/h
- C. 78 m/s
- D. 60 km/h

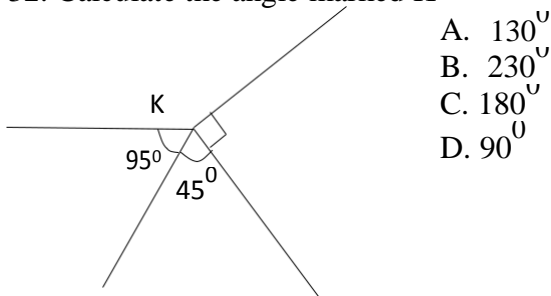
30. Solve the equation $\frac{1}{7} = 9$

- A. 63
- B. 27
- C. 48
- D. 31

31. Joseph's sitting room measures 24 m by 32m. If he laid a carpet on the floor measuring 12m by 8m, find the area of the room which was not covered by the carpet

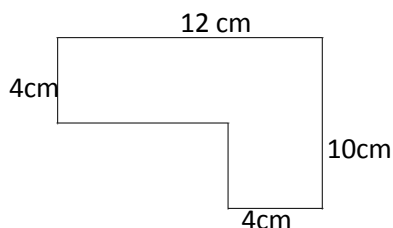
- A. 96m²
- B. 768m²
- C. 864m²
- D. 672m²

32. Calculate the angle marked K



- A. 130°
- B. 230°
- C. 180°
- D. 90°

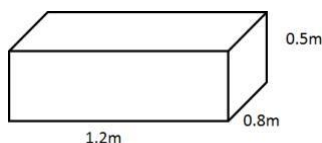
33. Calculate the perimeter of the figure below



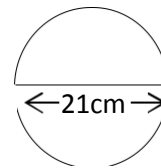
- A. 120m
- B. 44cm
- C. 36cm
- D. 28cm

34. The figure below is a cuboid. calculate its volume in cm³

- A. 0.48cm³
- B. 48cm³
- C. 48000cm³
- D. 480000cm³



35. Find the perimeter of the semi-circle below



- A. 44cm
- B. 54cm
- C. 33cm
- D. 66cm

36. 40% of the money contributed at harambee meeting was used on digging a borehole. If Sh. 20,000 was spent on digging the bore hole how much money was raised at the meeting

- A. Sh.50,000
- B. Sh. 30,000
- C. Sh. 40,000
- D. Sh. 10,000

37. Write 3.40pm in 24hrs clock system

- A. 1540hrs
- B. 0340hrs
- C. 2040hrs
- D. 1500hrs

38. Convert $\frac{1}{6}$ into a decimal

- A. 2.4
- B. 0.024
- C. 24
- D. 0.24

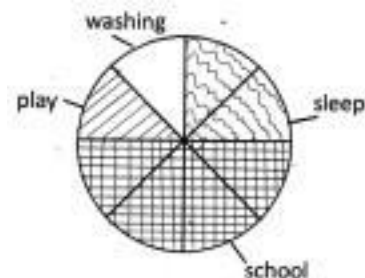
39. What is the sum of edge vertives and faces of the close cuboid

- A. 18
- B. 26
- C. 24
- D. 20

40. Sheila bought a pig for Sh. 4500. She later sold it for Sh. 5400. Find her percentage profit

- A. 20%
- B. 16 $\frac{2}{3}$ %
- C. 90%
- D. 40%

41. The pie chart below shows how Kamau spent his day. How many hours did he spend on sleeping?

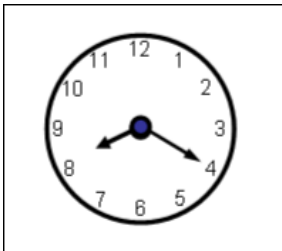


- A. 3hrs
- B. 4hrs
- C. 12hrs
- D. 6hrs

42. John had the following marks in his exam what was his mean mark 80, 60, 70, 40, 50

- A. 80 B.60
- C. 50 D. 70

43. What is the time shown below



- A. 20min to five
- B. Quarter to eight
- C. 20mins past eight
- D. 20mins to four

44. James worked in the garden from 8 am to 4pm. How long did he take in the garden?

- A. 10hrs
- B. 12hrs
- C. 6hrs
- D. 8hrs

45. John bought the following items from the market

- 3kg of carrots at 15 per kg
- ½ kg kales at sh 25 per kg
- 2 kg of cabbages at sh. 24.00

If he paid with sh. 500 note. What was his balance?

- A. Sh. 394.50cts
- B. Sh. 381.00cts
- C. Sh. 419.50cts
- D. Sh. 418.50cts

46. The cost of sending a telegram is sh. 10.00 for ten words or less and sh. 1.00 for each extra word. find the cost of sending the telegram:

ABDALA HASSAN BOX469 MOMBASA
MARE TOO MUCH NEED MORE
STOGARE PLEASE ADVICE JUMA

- A. Sh. 14.00
- B. Sh. 16.00
- C. Sh. 15.00
- D. Sh. 13.00

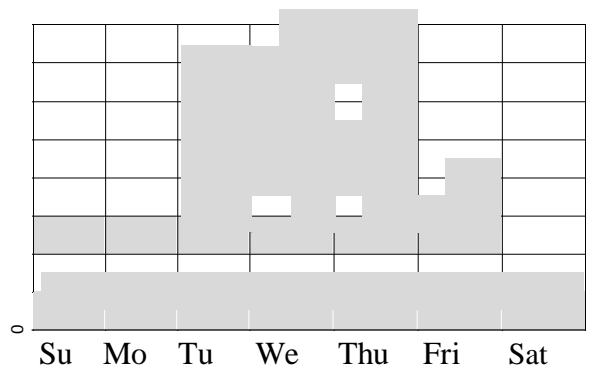
47. Construct triangle ABC line AB =BC=CA=6 cm. What is the measure of Angle BCA?

- A. 40⁰
- B. 50⁰
- C. 60⁰
- D. 90⁰

48. Joan had 30kg of sugar. She packed the sugar into packed weighing ½ kg each. How many packets did she fill

- A. 15pkt
- B. 60pkts
- C. 30pkts
- D. 40pkts

49. THE BAR GRAPH BELOW SHOWS THE NUMBER OF LITRES PRODUCED BY MUNYWA'S COW IN ONE WEEK USE IT TO ANSWER 49 AND 50



What is the scale used in the vertical axis

- A. 1cm rep 10L
- B. 1cm rep 5L
- C. 1 cm rep 1L
- D. 1cm rep 20L

50. How many litres were produced in the whole week

- A. 346
- B. 334
- C. 336
- D. 340