

ZIMBABWE REPUBLIC POLICE EDUCATION SECTION

GRADE 7 MID YEAR EXAMINATION 2013

MATHEMATICS

PAPER 1

July 2013

Time:2 hours

INSTRUCTIONS TO CANDIDATE

- 1. Answer all the questions on a separate answer sheet.**
- 2. If more than one letter is written for any one answer, that answer will be regarded as wrong.**

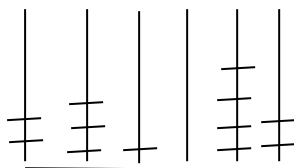
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1. Nine hundred and fifty thousand, three hundred and nineteen in numerals is

- A 950 319
- B 95 319
- C 9 050
- D 9 500 319

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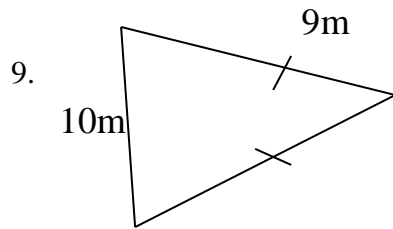
2.



The abacus represents

- A 231,042
- B 2314,2
- C 23104,2
- D 23142

3. The value of 8 in 401 853 is
- A tens
 - B tenths
 - C hundreds
 - D hundredths
4. 7c in dollars is.....
- A \$700
 - B \$7,00
 - C \$0,70
 - D \$0,07
5. The value of ten \$10 notes, five \$5 notes and ten 1c coin is
- A \$125,10
 - B \$100,00
 - C \$105,10
 - D \$126,00
6. $34 - 55 + 27$
- A 48
 - B 16
 - C 116
 - D 6
7. 2 784 is less than 3 164 by
- A 380
 - B 3 800
 - C 1 380
 - D 1 480
8. 67 422 to the nearest ten thousand is
- A 70 000
 - B 67 430
 - C 67 000
 - D 67 400



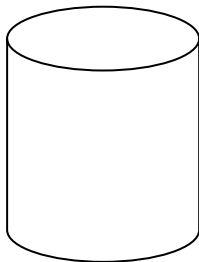
Find the perimeter of this shape

- A 25m
- B 19m
- C 28m
- D 63m

10. $\frac{2}{3}$ of a number is 90. What is the number?

- A 270
- B 180
- C 135
- D 45

11.



This shape is

- A cylinder
- B pyramid
- C cone
- D sphere

12. 351,48 to the nearest tenth is

- A 352
- B 351,4
- C 351,5
- D 351,6

13. Arrange these fractions in ascending order $\frac{2}{3}, \frac{3}{8}, \frac{5}{6}, \frac{1}{2}$

- A $\frac{2}{3}, \frac{3}{8}, \frac{5}{6}, \frac{1}{2}$
- B $\frac{3}{8}, \frac{1}{2}, \frac{2}{3}, \frac{5}{6}$
- C $\frac{1}{2}, \frac{5}{6}, \frac{2}{3}, \frac{3}{8}$
- D $\frac{5}{6}, \frac{2}{3}, \frac{1}{2}, \frac{3}{8}$

14. Simba's pace is 0,58m. He walked 3500 paces from school. Simba's home from school is

- A 4 065m
- B 2230m
- C 2 030m
- D 203,0m

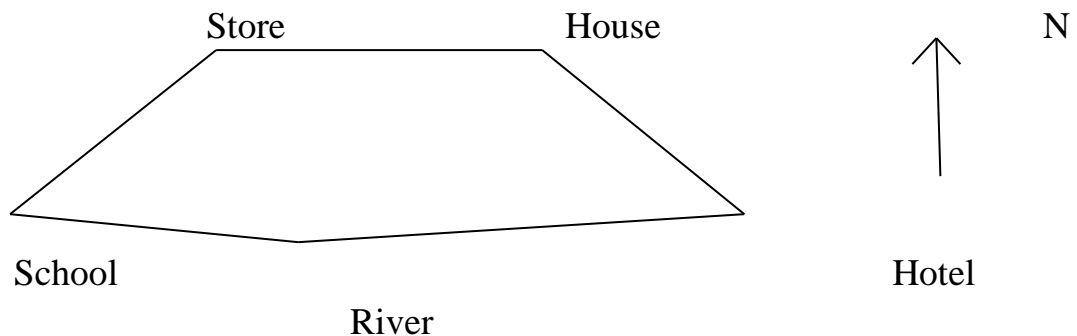
15. $2,8 \div 0,07$

- A 0,04
- B 0,4
- C 4,0
- D 40

16. The product of 53 and 25 is

- A 78
- B 28
- C 1315
- D 1325

17.



What is the direction of the school from the house?

- A North east
- B South east
- C South
- D North west

18. $\frac{80}{100}$ reduced to its lowest term is

- A $\frac{4}{5}$
- B $\frac{2}{5}$
- C $\frac{3}{5}$
- D $\frac{1}{5}$

19. $\frac{2}{3} + \frac{1}{6}$

- A $\frac{1}{2}$
- B $\frac{1}{3}$
- C $\frac{1}{6}$
- D $\frac{5}{6}$

20. $2\frac{1}{2}$ decades is

- A 20 years
- B 30 years
- C 25 years
- D 45 years

21. A watch loses one minute every hour. It was set correctly at 12 midnight.
What time will it show at 12 noon on the same day?

- A 1148hrs
- B 1221hrs
- C 0012hrs
- D 2012hrs

22. $1 - \frac{1}{3}$

- A $\frac{2}{3}$
- B $\frac{3}{8}$
- C $\frac{3}{5}$
- D $1\frac{1}{3}$

23. $3,7 + 37$

- A 7,4
- B 37,37
- C 40,7
- D 74

24. Add 0,25 of 40 minutes and 0,75 of 24 minutes

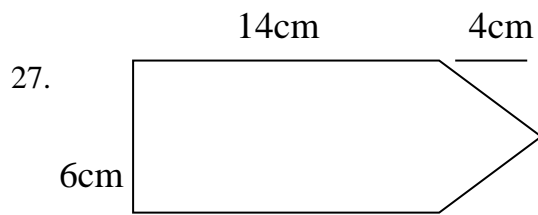
- A 64
- B 16
- C 28
- D 100

25. The number of 20ml bottles in $\frac{4}{5}$ litres is

- A 4
- B 400
- C 80
- D 40

26. $2\frac{1}{3} \times 4\frac{1}{2}$

- A $10\frac{1}{2}$
- B $11\frac{1}{2}$
- C $9\frac{1}{2}$
- D 8



What is the area of the shape?

- A 96cm^2
- B 84cm^2
- B 12cm^2

- B 86cm

28. Find the highest common factor 20; 30 and 45

- A 10
- B 15
- C 5
- D 2

29. John is facing south. He turns in a clockwise direction through $2\frac{1}{2}$ right angles. He is now facing.....

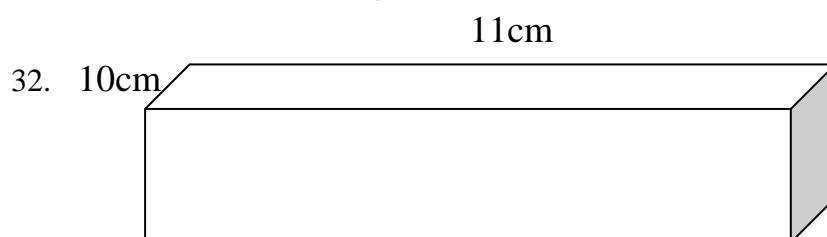
- A North
- B South
- C North west
- D North east

30. A car travelling at 80km/hr took 2hrs to cover a certain distance. How much time will it take to cover the same distance at 100km/hr?

- A $3\frac{1}{2}$ hr
- B 2hrs
- C $1\frac{1}{2}$ hrs
- D $1\frac{3}{5}$ hrs

31. 3,25kg expressed in grammes is

- A 0,0325g
- B 0,325g
- C 325g
- D 3250g



Find the total surface area of the shape

- A 88cm^2
- B 430cm^2
- C 1120cm^2
- D 278cm^2

33. The difference between 236 and 199 is.....

- A 137
- B 136
- C 37
- D 133

34. Petrol costs 53c a litre. Mr Moyo paid \$4,24 for the petrol. How many litres did he buy?
- A 12
 - B 4
 - C 24
 - D 8
35. Which one of the following is a square number?
- A 3
 - B 2
 - C 6
 - D 4
36. A television set was bought for \$900 under hire purchase. Sam paid a deposit of 30% and the remainder on monthly instalments. Find his balance after paying the deposit.
- A \$730
 - B \$270
 - C \$900
 - D \$630
37. \$40,10 written in cents is
- A 4100c
 - B 4110c
 - C 40100c
 - D 4010c
38. A bag of rice has a mass of $25\frac{1}{2}$ kg. What is the mass of 15 such bags?
- A $382\frac{1}{2}$ kg
 - B $372\frac{1}{2}$ kg
 - C $255\frac{1}{2}$ kg
 - C $127\frac{1}{2}$ kg

39. Mrs Zvomuya's car has 38,5 litres of petrol in its tank. At the service station 21,5 litres were put into the tank to fill it up. What was the capacity of the tank?
- A 691 litres
 B 60 litres
 C 59 litres
 D 17 litres
40. A farmer had 400 bags of maize. He sold $\frac{3}{8}$ of them and gave $\frac{1}{8}$ to the poor. How many bags were left?
- A 170
 B 230
 C 70
 D 270
41. How long does a programme which starts at 8.09am and ends at 8.30am take?
- A 37 minutes
 B 21 minutes
 C 1hr 27 minutes
 D 27 minutes

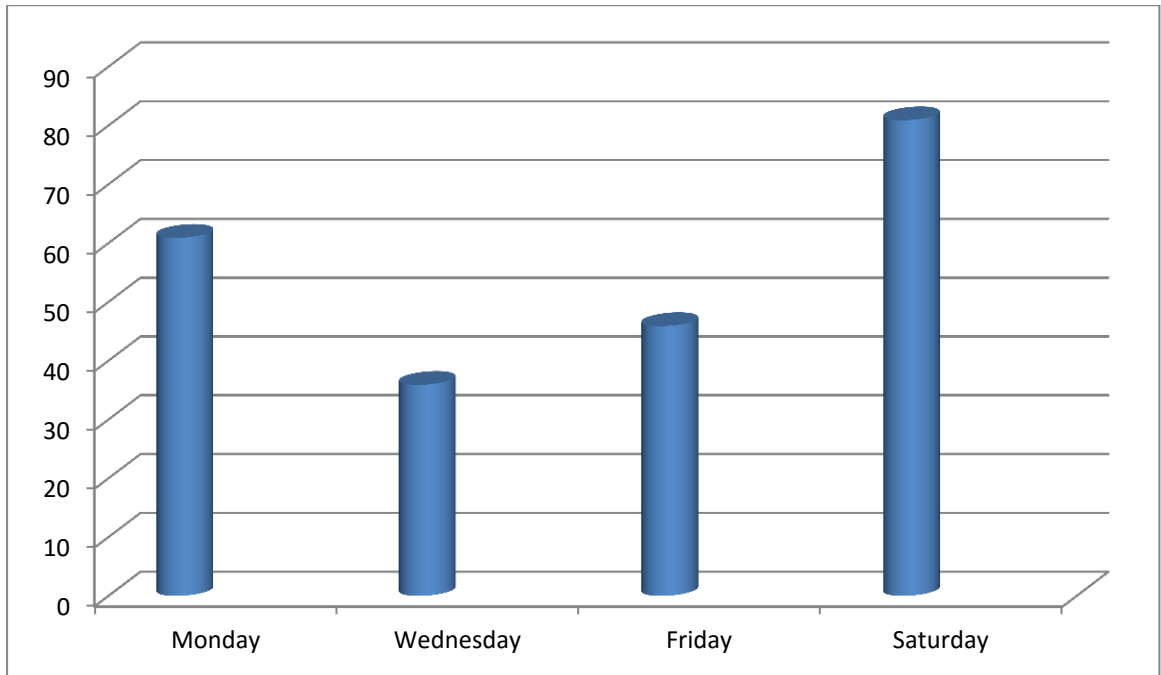
The table below shows marks obtained by a pupil in mid year examinations. Study it and answer questions that follow.

SUBJECT	MARK OBTAINED
Mathematics	19/20
Shona	16/25
English	35/50
General Paper	49/100

42. In which subject did she get the least marks?
- A Shona
 B Mathematics
 C General paper
 D English

43. Find the mark obtained in Shona as a percentage.
- A 54%
 - B 64%
 - C 74%
 - D 84%
44. The total of 3 numbers is 16. Two of the numbers are 4,7 and 8,18. What is the 3rd number?
- A 12,88
 - B 11,3
 - C 13,2
 - D 3,12
45. Joe had \$400 in his FBC account for 2 years at a rate of 4% interest per annum. How much interest did he earn after 2 years?
- A \$32
 - B \$16
 - C \$4
 - D \$8
46. The divisor is 0,5, the dividend is 20. The quotient is.....
- A 4
 - B 40
 - C 400
 - D 4000
47. The average age of Kudzai, Talent and Tino is 14 years. Kudzai and Talent are aged 10 and 12 respectively. What is Tino's age?
- A 20
 - B 32
 - C 24
 - D 26
48. \$120 is shared among three children Susan, Chipu and Mary in the ratio 3 : 4 :5 respectively. What is Chipu's share?
- A \$40
 - B \$30
 - C \$50
 - D \$12

The graph below shows the number of people who visited Shambamuto clinic. Study it and answer questions that follow.



49. On which day did most people visit the clinic?

- A Monday
- B Wednesday
- C Friday
- D Saturday

50. What was the average number of the people who visited the clinic?

- A 45
- B 55
- C 65
- D 75