

ZIMBABWE REPUBLIC POLICE EDUCATION SECTION

GRADE 6 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.**

1. Two hundred and five thousand in numbers is

- A 250 000
- B 2005
- C 205 000
- D 502 000

2. What is the value of the underlined digit in 6008?

- A hundreds
- B tens
- C thousands
- D units

3. What is the number shown by the abacus below?

T	U	t	h	th
●●●●●	●●	●●●	●●●●●●	●●●●●●●●
●●●●	●●●●●●●●	●●●●●●	●●●	

- A 47630
- B 47,630
- C 52369
- D 52,369

4. 80 403 rounded off to the nearest 10
- A 80 400
 - B 10
 - C 410
 - D 80 410
5. $5,1 \times 100$
- A 510,0
 - B 51,00
 - C 5,100
 - D 501
6. What is the difference between the sum of 6 and 8 and their product?
- A 34
 - B 14
 - C 48
 - D 62
7. $Y + 72 = 152$, therefore Y is
- A 224
 - B 80
 - C 2 r 12
 - D 60
8. There are 8 equal classes in a school of 368 pupils. How many pupils are there in each class?
- A 46
 - B 376
 - C 360
 - D 48
9. $358\text{m} = \square\text{km}$
- A 3,580
 - B 0,583
 - C 358
 - D 0,358

10. Subtract 1,99 from 3

- A 2,1
- B 1,1
- C 2,01
- D 1,01

11. $\frac{3}{5}$ of an hour is

- A 36 minutes
- B 30 minutes
- C 18 minutes
- D 24 minutes

12. Which of the following is a leap year?

- A 1981
- B 1983
- C 1976
- D 1985

13. 10% of \$15,90 is

- A \$1,59
- B \$15,9
- C \$159
- D \$5,19

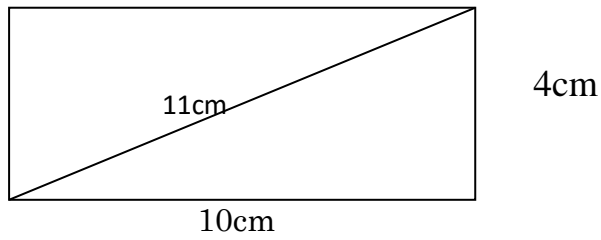
14. $\frac{1}{5}$ of a number is 15. What is the number?

- A 60
- B 75
- C 55
- D 100

15. John's watch is reading 9.45am but it is 21 minutes behind. The correct time is.....

- A 9.21am
- B 10.06am
- C 10.16am
- D 10.36am

16.



The area of the rectangle above is

- A 20cm^2
 - B 20cm^2
 - C 40cm^2
 - D 55cm^2
17. What is the value of seven \$10 notes, five 50c coins and two 1c coins?
- A \$95,02
 - B \$97
 - C \$72,07
 - D \$72,52
18. What is the lowest common multiple of 6 and 9?
- A 3
 - B 36
 - C 12
 - D 18
19. Any shape with four sides is a
- A square
 - B rectangle
 - C quadrilateral
 - D pyramid
20. Find 20% of \$62,35
- A \$625,50
 - B \$1247
 - C \$12,47
 - D \$62,35

21. 372,9 to the nearest whole number is
- A 370
 - B 373
 - C 300
 - D 372
22. 485×23
- A 1155
 - B 508
 - C 10155
 - D 11 155
23. $4\frac{1}{3} + 1\frac{1}{6}$
- A $5\frac{1}{2}$
 - B $3\frac{1}{2}$
 - C $5\frac{5}{6}$
 - D $5\frac{1}{6}$
24. Tonderai bought bought five pencils for\$1,50. How much change did he get from \$10,00?
- A \$7,50
 - B \$3,50
 - C \$17,50
 - D \$8,50
25. 2,04 litres expressed in millilitres is
- A 204ml
 - B 2004ml
 - C 2040ml
 - D 2400ml
26. What is the difference between 6 142 and 3 487?
- A 6 147
 - B 2 655
 - C 3487
 - D 3655

27. George carried 19 litres of water from the river to his home everyday in June. How many litres of water did he carry home altogether?
- A 190 litres
 - B 49 litres
 - C 570 litres
 - D 589 litres
28. $\frac{1}{2} \times \text{base} \times \text{height}$ is the formula of finding the area of.....
- A square
 - B circle
 - C triangle
 - D rectangle
29. What is $\frac{1}{2}$ divided by $\frac{1}{4}$?
- A 2
 - B 4
 - C 8
 - D 16
30. It takes 30 men 8 days to complete a large roof. How long will 40 men take to do the same job?
- A 5 days
 - B $5\frac{1}{2}$ days
 - C 6 days
 - D $6\frac{1}{2}$ days
31. \$156 is divided among Farai, Sharon and Brighton in the proportion 3: 4: 5 respectively. How much does Sharon receive?
- A \$13
 - B \$39
 - C \$52
 - D \$65
32. Five sweets cost \$2,50, six sweets and a chewing gum cost \$4,50. What is the cost of a chewing gum?
- A \$3,00
 - B \$2,00
 - C \$1,50
 - D \$0,50

33. XLV111 in Arabic numerals is

- A 68
- B 78
- C 88
- D 48

34. 1980 was a leap year. What was the next leap year?

- A 1978
- B 1982
- C 1984
- D 1990

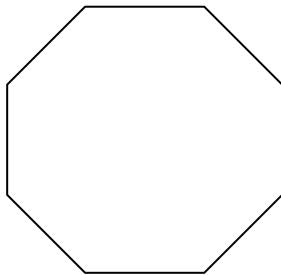
35. Complete the following number sequence: 725, 625, 545, □, 445

- A 488
- B 485
- C 548
- D 445

36. An empty lorry has a mass of 3,625 tonnes. What is the total mass if it carries a load of 2,375 tonnes?

- A 6000 tonnes
- B 600 tonnes
- C 6,00 tonnes
- D 60,00 tonnes

37.



What is the name of this shape?

- A octagon
- B hexagon
- C pentagon
- D heptagon

38. Thomas' bedroom is 7m by 6,3m. A fifth of this floor is covered with carpet. What area of the floor is covered?

- A $44,1\text{m}^2$
- B $33,1\text{m}^2$
- C $8,82\text{m}^2$
- D $0,7\text{m}^2$

39. The average of 5 marks is 50 and four of the marks are: 38, 49, 68 and 50. What is the value of the fifth value?

- A 46
- B 48
- C 50
- D 45

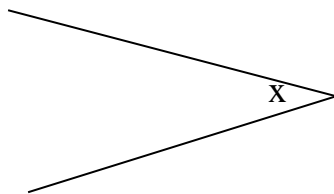
40. What is the discount on \$9 at 10%?

- A \$0,90
- B \$0,09
- C \$9,00
- D \$0,70

41. The common factors of 154 and 210 are

- A 7 and 2
- B 5 and 7
- C 11 and 7
- D 5 and 11

42.

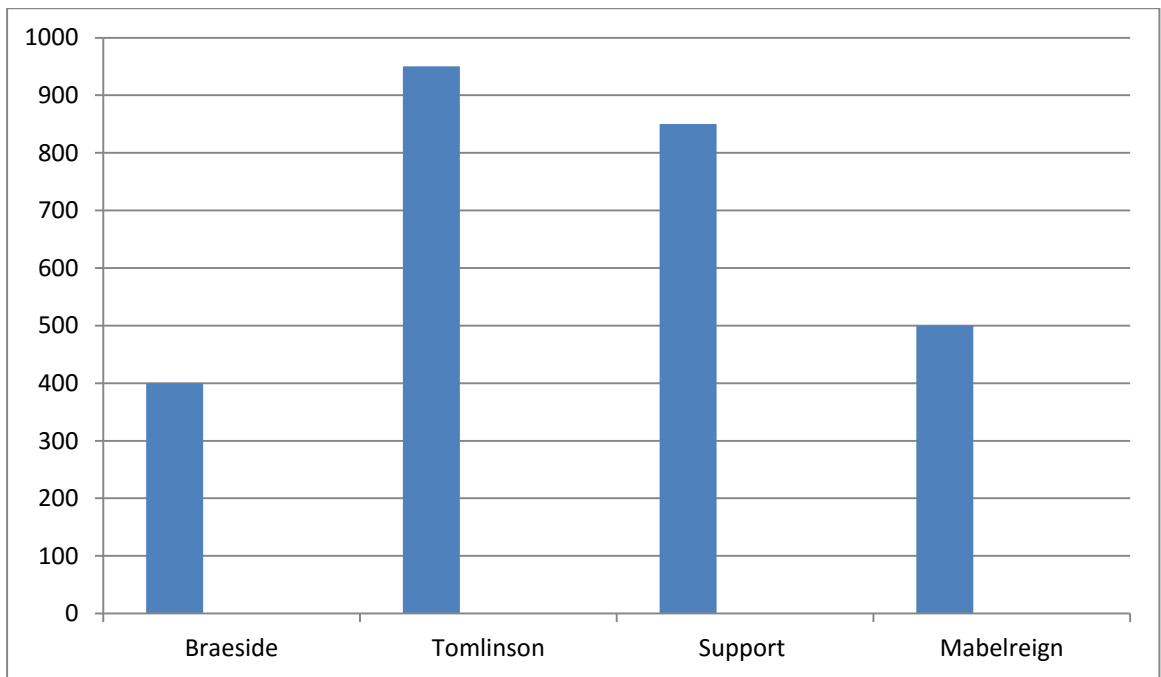


Angle x is

- A obtuse
- B acute
- C reflex
- D right angle

43. What is 3 May 1980 in SI Notation?
- A 80.05.03
 - B 80.03.05
 - C 05.03.80
 - D 03.80.05
44. What is the Lowest Common Multiple of 3,8 and 12?
- A 3
 - B 8
 - C 24
 - D 32
45. Rudo is facing north, she turned two right angles in a clockwise direction. She is now facing
- A east
 - B north
 - C west
 - D south
46. $\frac{3}{8}$ as a decimal is
- A 0,275
 - B 0,725
 - C 2,75
 - D 0,375
47. The people who attended a church service were 0,6 women, 0,3 children and the rest were men. What is the decimal fraction of men?
- A 0,2
 - B 0,3
 - C 0,1
 - D 0,9

The graph below shows the number of pupils at four school. Study it and answer questions that follow.



48. How many pupils were at Support?

- A 400
- B 950
- C 850
- D 500

49. How many more pupils were at Tomlinson than at Braeside?

- A 450
- B 550
- C 1350
- D 650

50. What was the average of the schools?

- A 675
- B 575
- C 625
- D 475