HOME BASED
EXAMINATIONS 2020
GRADE 7
MATHEMATICS PAPER 1

1. Twenty- five thousand four hundred and two in figures is
    A   25 020
    B   25 002
    C   25 402
    D   25 012

2. The value of 4 in 45 320 is   .
    A   40 000
    B   4 000
    C   400
    D   40

3. $\frac{5}{8}$ of 208
    A   430
    B   330
    C   230
    D   130

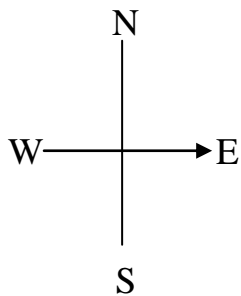4. $\frac{17}{20}$ as a decimal is
    A   0,75
    B   0,85
    C   0,25
    D   0,15

5. $572 \div \square = 0,572$
    A   10
    B   100
    C   1 000
    D   1

6. $\frac{5}{6} - \frac{3}{4} =$
    A $\frac{1}{12}$
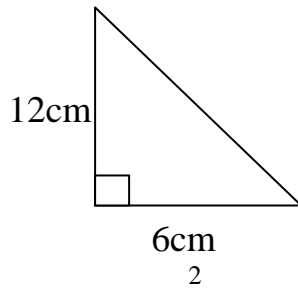   B $\frac{2}{9}$
    C $\frac{5}{18}$
    D $\frac{5}{12}$

7. 875ml = _____ litres.
   A   8 750l
   B   8,75l
   C   0,875l
   D   875l

8. XVII =
   A   15
   B   17
   C   18
   D   19

9. $2^3/_4$ expressed as an improper fraction
   A $^{23}/_4$
   B $^5/_4$
   C $^{11}/_4$
   D $^8/_3$

10. The highest common factor of 24, 36 and 48 is
    A   2
    B   4
    C   12
    D   24

11 15cm = _____mm
    A   150
    B   15
    C   5
    D   50

12. What is missing number in the number series. 2,5 ; 5,0 ; 7,5; ___ ; 12,5.
    A   9,0
    B   8,5
    C   10,0
    D   9,5

13 $^{75}/_{100}$ reduced in its lowest terms is
    A $^3/_4$
    B $^1/_2$
    C $^1/_4$
    D $^1/_3$

14   15% of $500 =
        A $45
        B $75
        C $515
        D $15

15   Find the product of 0,4 and 0,05
        A   0,02
        B   0,2
        C   0,25
        D   20

16   Shepherd has $12,75 and Jonathan has $40,12. Altogether they have____
        A $52,87
        B $50,87
        C $52,78
        D $50,78

17   Sarudzai is facing East. He turns through 3 right angles in an anti-
        clockwise direction. What direction is he facing now?

        A   East
        B   West
        C   South
        D   North

18.   45, 79 rounded to the nearest whole number is
        A   45
        B   46
        C   44
        D   47

19.   The area of the shape below is _____.

12cm

6cm

A.   34cm^2

B.   36cm^2

C.   18cm^2

D.   72cm^2

20   Chiedza was born in 1998. She turned 7 in _____.
A   2002
B   2003
C   2004
D   2005

21.   Father bought 50 sweets and shared them equally among her 4 children.
How many sweets remained after sharing?
A   1
B   2
C   3
D   4

22.   Find the number which is divisible by 9.
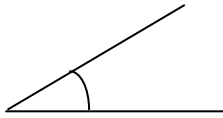A   181
B   216
C   318
D   417

23.   12 – 3,5 =   .
A   4,5
B   6,5
C   8,5
D   5,5

24. The value of two $20 notes, three $10 notes, five $5 notes, one $2 note, two 50c coin, one 10c coin and five 1c coin is
A $89,15
B $98,15
C $99,15
D $100,15

25. 10pm in 24hour notation is
A 1000hrs
B 1200hrs
C 2300hrs
D 2200hrs

26. $^3/_4$ kg =
A 500g
B 750g
C 1000g
D 250g

27. The net mass of a tin of beans is 325g. The empty tin weighs 15g. What is the gross mass?
A 310g
B 340g
C 300g
D 50g

28. $^3/_4$ x $^2/_3$ =
A $^1/_2$
B $^3/_4$
C $^1/_4$
D $^1/_{12}$

29. Charity is 9 years old. Chido is 5 and Panashe is 4. The average age is
A 6 years.
B 13 years.
C 18 years.
D 36 years.

30. A worker earns $20 in an hour. If he works for 4 hrs a day, how much does he earn in 5 days?
A $40
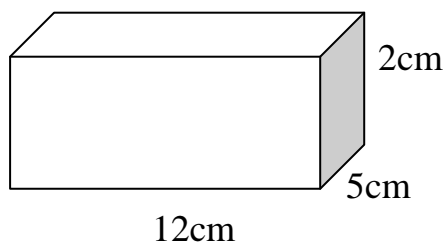B $80
C $400
D $25

31. A car covered 300km in 3 hours. What was its average speed?
    A   100km/hr
    B   10km/hr
    C   110km/hr
    D   105km/hr

32. The angle below is a _____.

    A   reflex
    B   obtuse
    C   acute
    D   right angle

33. $7 200 is shared between Sandra and Gamuchirai in the ratio 1:2
    respectively. What is Gamuchirai's share?
    A $2 400
    B $4 800
    C $3 600
    D $15 400

34. $^2/_5$ of children in a class of 45 are boys. How many girls are in class?
    A   27
    B   28
    C   29
    D   30

35. The area of a square is 36cm.^{2} What is its length?
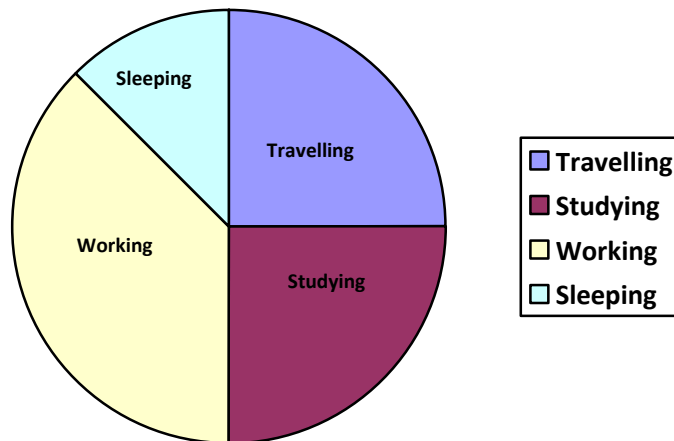   A   5cm
    B   4cm
    C   9cm
    D   6cm

36.

2cm
5cm
12cm

The volume of the shape above is

A   60cm^3

B   24cm^3

C   19cm^3

D   120cm^3

37.   The area of a rectangle is 48cm^2. If the width is 8cm, what is the length of the rectangle?

A   5cm

B   8cm

C   6cm

D   7cm

38.   Mr Macheka spent his day doing the activities shown on the chart below. Use it to answer question 38 and 39.
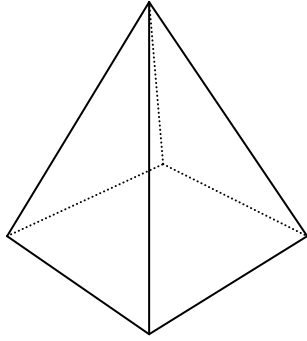

What fraction did he spend sleeping?

A $^1/_2$

B $^3/_8$

C $^1/_8$

D $^7/_8$

39.   Which activity takes most of his time?

A   Travelling

B   Studying

C   Working

D   Sleeping

40. What name is given to the shape below?

A   cone
B   triangular pyramid
C   cylinder
D   Square pyramid

41. Tendai bought a cellphone for $240 and sold it for $300. What was his percentage profit?
A   25%
B   20%
C   15%
D   10%

42. At a wedding party there were 328 adults and 150 children. How many people attended the wedding altogether?
A   278
B   378
C   478
D   474

43. The cost of 8 plates is $480,00. What is the cost of two plates?
A $12.00
B $72.00
C $60.00
D $120.00

44. 0,7 as a percentage is
A   70%
B   700%
C   7%
D   17%

The table below shows the distance between towns. Use the table to answer questions 45 and 46.

Bindura				
605	Mutare			
570	615	Bulawayo		
581	200	495	Masvingo	
420	680	795	840	Victoria Falls

45. Which two towns are furthest from each other?
    A   Bindura and Mutare
    B   Mutare and Bulawayo
    C   Bulawayo and Masvingo
    D   Masvingo and Victoria Falls

46. What is the distance between Masvingo and Mutare?
    A   615
    B   200
    C   420
    D   680

47. $0,08 \times 0,6 =$
    A   0,014
    B   0,48
    C   0,048
    D   48

48. Apples were bought for $205 and sold for $175. What was the loss?
    A $40
    B $25
    C $30
    D $380

49. A straight line has _____ ^{0}
    A   90
    B   60
    C   180
    D   360

50. 49 – 14 x 5 + 38 =
    A   213
    B   217
    C   97
    D   17

GRADE 6
END OF YEAR EXAMINATIONS 2012
MATHS PAPER 1

1.	C	26.	B
2.	A	27.	B
3.	D	28.	A
4.	B	29.	A
5.	C	30.	C
6.	D	31.	A
7.	C	32.	C
8.	B	33.	B
9.	C	34.	A
10.	C	35.	C
11.	A	36.	D
12.	C	37.	B
13.	A	38.	C
14.	B	39.	C
15.	A	40.	B
16.	A	41.	A
17.	C	42.	C
18.	B	43.	D
19.	B	44.	A
20.	D	45.	D
21.	B	46.	B
22.	B	47.	C
23.	C	48.	C
24.	B	49.	C
25.	D	50.	D