

DORO EDUCATION SECTION

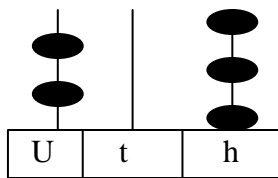
GRADE 7 EXAMINATIONS 2020

MATHEMATICS

PAPER 1

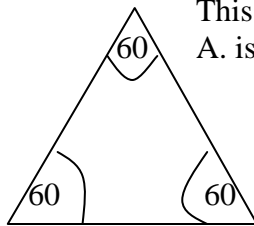
Time: 2 hours

- One count down one is _____.
A. two B. one C. zero D. eleven
- How many times is the first 5 greater than the second 5 in 35 205?
A. 1 000 B. 100 C. 10 D. 1
- What is the number shown by this abacus?



- A. 203 B. 30,2 C. 23 D. 2,03

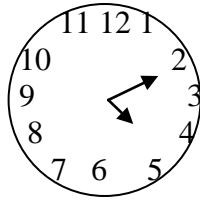
- What is the value of the underlined digit in 402 893?
A. 9 B. 90 C. 900 D. 9 000
- $201 + 49 =$ A. 240 B. 250 C. 20149 D. 152
- $\frac{1}{3}$ of a number is 15. What is the number?
A. 5 B. 45 C. 30 D. 15
- $7\frac{1}{2}$ can be written as _____. A. $\frac{14}{2}$ B. $\frac{10}{2}$ C. $\frac{16}{2}$ D. $\frac{15}{2}$
- $25\text{g} = \square \text{kg}$ A. 0,025 B. 2,5 C. 25 D. 0,25
- Which one is a perfect square?
A. 25 B. 7 C. 3 D. 5
- $12 = 17 - x$. What is the value of x?
A. 29 B. 12 C. 17 D. 5
- Find the product of 13 and 12.
A. 25 B. 1 C. 156 D. 1 rem 1
- Their product is 24 and their difference is 5. What are the numbers?
A. 6 and 4 B. 2 and 12 C. 24 and 1 D. 3 and 8
- In a leap year February has _____ days.
A. 30 B. 31 C. 28 D. 29
- $\frac{4}{6} + \frac{1}{2} =$ A. $1\frac{7}{6}$ B. $1\frac{1}{6}$ C. $\frac{3}{5}$ D. $\frac{5}{8}$
- $3\frac{1}{4} - 2\frac{3}{4} =$ A. $5\frac{1}{4}$ B. $1\frac{2}{4}$ C. $\frac{1}{2}$ D. $1\frac{3}{4}$
- This is a (an) _____ triangle.



- A. isosceles B. equilateral C. scalene D. right-angled

- $4\ 223\text{c} = \$$ _____. A. 4,223 B. 42,23 C. 4223 D. 422,3
- A cube has _____ faces. A. 8 B. 4 C. 2 D. 6
- 1:30 pm in 24 hour time is _____.
A. 0130 B. 0030 C. 1330 D. 1300

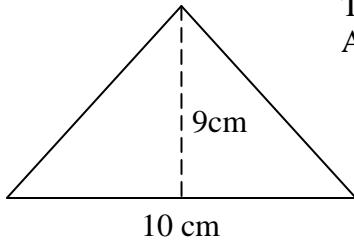
20.



The time shown is behind by 35 minutes. What is the correct time?

- A. 5:10 B. 5:42 C. 4:35 D. 2:05

21.



The area of this triangle is _____.

- A. 90 cm B. 90cm² C. 45 cm D. 45 cm²

22. The perimeter of a square is 32 cm. how long is one side of the square?

- A. 8 cm B. 4 cm C. 16 cm D. 32 cm

Use the table below to answer numbers 23 and 24

Time taken to read a page

Names	Simba	Genius	Trinity	Judith
Seconds	40	48	55	39

23. Who was the fastest reader?

- A. Simba B. Genius C. Trinity D. Judith

24. On what position was Trinity?

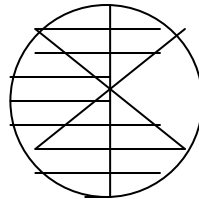
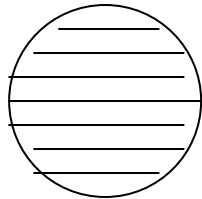
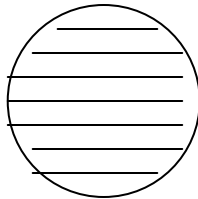
- A. first B. second C. third D. last

25. Simplify 13/65 to its lowest terms?

- A. 3/5 B. 1/20 C. 1/5 D. 1/4

26. $\frac{1}{2} * \frac{1}{3}$ A. > B. < C. = D. <>

27.



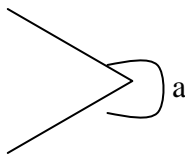
- A. 2 1/2 B. 2 5/6
C. 3 1/2 D. 2 1/5

28. What is the value of five \$10 notes, two \$20 notes and one 50c coin?

- A. \$705 B. \$120 C. \$30,50 D. \$70,50

29. $\frac{2}{3} \div \frac{1}{6} =$ A. 4 B. 2/18 C. 1/9 D. 6

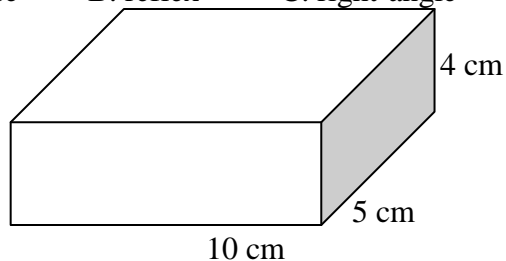
30. Angle 'a' is a (an) _____



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

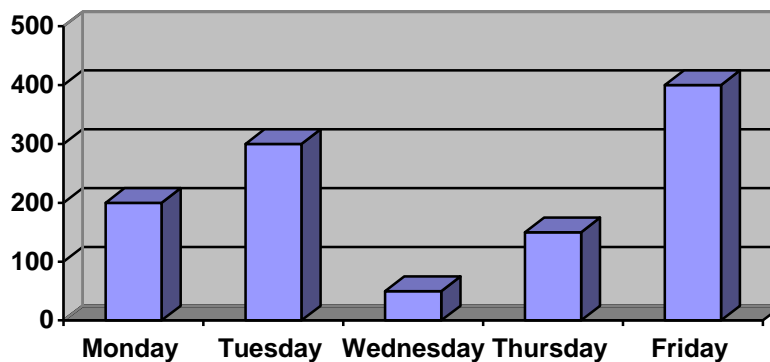
31. Find the volume of this shape.

- A. 19 cm³
B. 200 cm³
C. 50 cm³
D. 200 cm



32. 5 packets of sugar cost \$7,50. What is the cost of 2 packets?
 A. \$1,50 B. \$2,00 C. \$3,00 D. \$5,50
33. $7 - 8 + 4 =$ A. 5 B. 3 C. 19 D. 11
34. On a bus there are 15 adults and 25 children. What is the ratio of children to adults?
 A. 5 : 3 B. 3 : 5 C. 15 : 5 D. 5 : 15
35. $2^2 + 1^0 =$ A. 3 B. 5 C. 4 D. 14
36. Mrs Waida spent 40 % of 95c. How many cents was she left with?
 A. 38c B. 57c C. 37c D. 19c
37. A century is _____ years.
 A. 10 B. 100 C. 500 D. 1000
38. A bus took 4 hours to cover 200km. what was its average speed?
 A. 800 km/h B. 200 km/h C. 50 km/h D. 100 km/h
39. 20mm = _____cm A. 20 B.0,2 C. 2 D.0,02
40. Mr. Bvure shared \$360 between Priviledge and Audious in the ratio 4 : 5 respectively. How much did Audious get?
 A. \$160 B. \$200 C. \$360 D. \$40
41. A _____ is three dimensional
 A. cylinder B. circle C. square D. rectangle
42. Petronella is facing north. She turns through 4 right-angles. She is now facing _____
 A. North B. South C. West D. East
43. This year Vimbai is in Grade 6. She repeated Grade 3 twice. When was she in Grade 1?
 A. 2002 B. 2003 C. 2004 D. 2005
44. $\frac{3}{4}l =$ A. 250 ml B. 1000 ml C. 650 ml D. 750 ml
45. Which one has the greatest value?
 A. $\frac{1}{2}$ B. 0,25 C. $\frac{3}{4}$ D. 0,4
46. What is the missing number in this series? 1, 5, 10, 16, _____
 A. 20 B. 17 C. 21 D. 23

The graph shows number of cattle sold at a market. Answer Number 47 and 48



47. On which day has the least number of cattle sold?
 A. Monday B. Tuesday C. Wednesday D. Thursday
48. Find the average number of cattle sold per day.
 A. 1 100 B. 200 C. 300 D. 220
49. $14 + 3 =$ A. 11 B. 3 rem 2 C. 42 D. 17
50. Kudzai got 40/50 in a Maths test. What percentage was this?
 A. 40 % B. 50 % C. 20 % D. 80 %