Anglo-Chinese School
(Primary)
A Methodist Institution
(Founded 1886)

Mathematics
Primary Six

Revision Paper – Set 1A

Name: _____ ( )

Class: Primary 6 ____

Date: _____

Paper 1 Duration: 1 hour
(Calculator not allowed)

AL	Mark Range	Your AL is:
AL1	≥ 90	
AL2	85 – 89	
AL3	80 – 84	
AL4	75 – 79	
AL5	65 – 74	
AL6	45 – 64	
AL7	20 – 44	
AL8	< 20	

Section	Maximum Marks	Marks Obtained
Paper 1 **Booklet A. Multiple-Choice Questions**	20	
Paper 1 **Booklet B. Short Answers: Part 1**	5	
Paper 1 **Booklet B. Short Answers: Part 2**	20	
Total Marks	45	

Booklet A – Set 1A

Questions 1 to 10 carry 1 mark each. Question 11 to 15 carry 2 marks each. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). (20 marks)

1

2

3

4

5

6

7

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9

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11

12

13

14

15

Questions 1 to 10 carry 1 mark each. Question 11 to 15 carry 2 marks each.
Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

(20 marks)

1. Which of the following is seven hundred and three thousand and twelve in numerals?

   (1) 730 012

   (2) 703 012

   (3) 73 012

   (4) 70 312

2. Divide 2 by $\frac{8}{5}$

   (1) $\frac{5}{16}$

   (2) $\frac{4}{5}$

   (3) $1\frac{1}{4}$

   (4) $3\frac{1}{5}$

3. Round 4.195 to 2 decimal places.

(1) 4.10

(2) 4.19

(3) 4.20

(4) 4.29

4. $3 + \frac{3}{100} + \frac{30}{1000} =$ _____

(1) 3.033

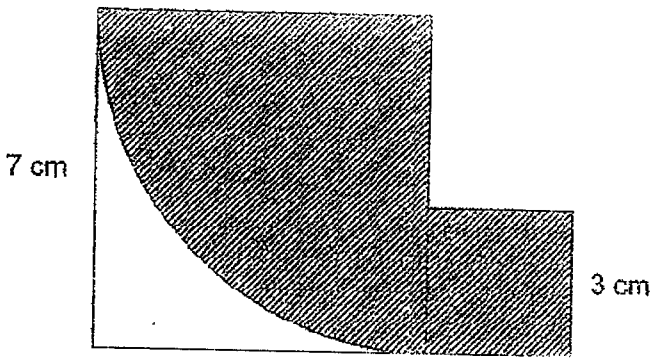
(2) 3.06

(3) 3.33

(4) 3.6

5. The figure below is made up of 2 squares and one quarter circle. The lengths of the squares are 7 cm and 3 cm respectively. Find the perimeter of the shaded part.

(Take $\pi = \frac{22}{7}$)



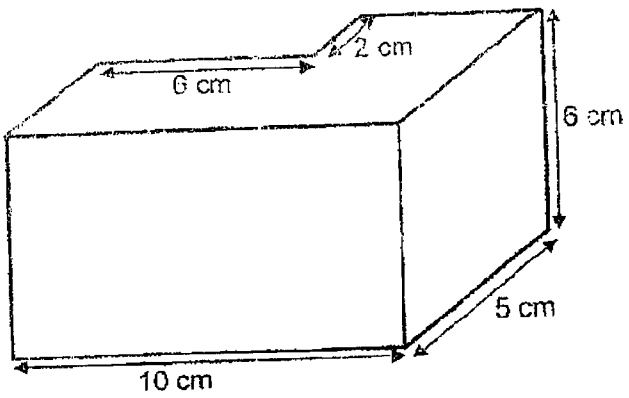
(1) 19.5 cm

(2) 25 cm

(3) 25.5 cm

(4) 31 cm

6. Study the solid below.



Find the volume of the solid.

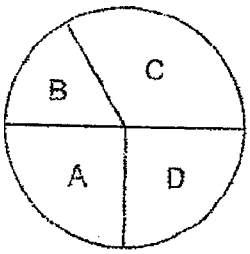
(1) 228 cm^3

(2) 288 cm^3

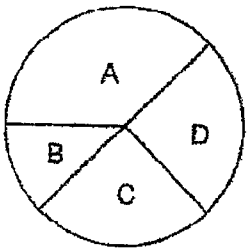
(3) 300 cm^3

(4) 372 cm^3

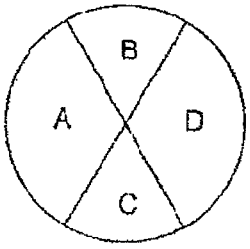
7. A sum of money was shared among Anne, Ben, Cindy and David. Anne had twice as much money as Ben. David had twice as much money as Cindy. Anne and David had the same amount of money.
Which pie chart represents the information above?



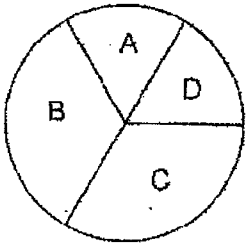
(1)



(2)



(3)



(4)

8. The average of three numbers is 40. The sum of another two numbers is 50. What is the average of the 5 numbers?

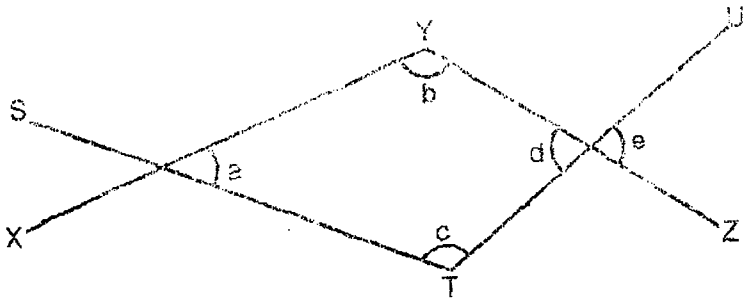
(1) 13

(2) 18

(3) 34

(4) 65

9. The figure below is made up of four straight lines, ST, TU, XY and YZ.



Students J, K and L wrote the following statements.

Student	Statement
J	$\angle b = \angle c$
K	$\angle d = \angle e$
L	$\angle a + \angle c = 180°$

Which student(s) is/are correct?

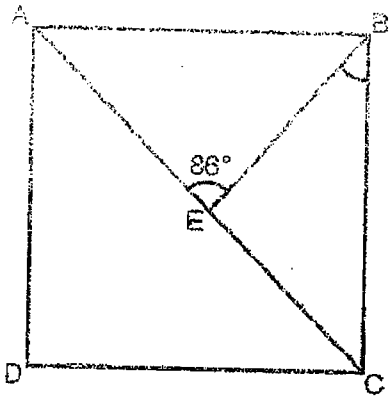
(1) J only

(2) K only

(3) J and L

(4) K and L

10. ABCD is a square and $\angle AEB = 86°$. Find $\angle CBE$.



(1) 41°

(2) 43°

(3) 45°

(4) 49°

11. In a marathon relay race, four runners ran one after another without any stop in between. The second runner started running at the same time the first runner completed running and so on. The chart below shows the time each runner started running. The last runner completed the race at 1.30 p.m..

Runner	Start Time
First	10.30 a.m.
Second	11.20 a.m.
Third	12.15 p.m.
Last	12.55 p.m.

How much more time did the slowest runner take than the fastest runner?

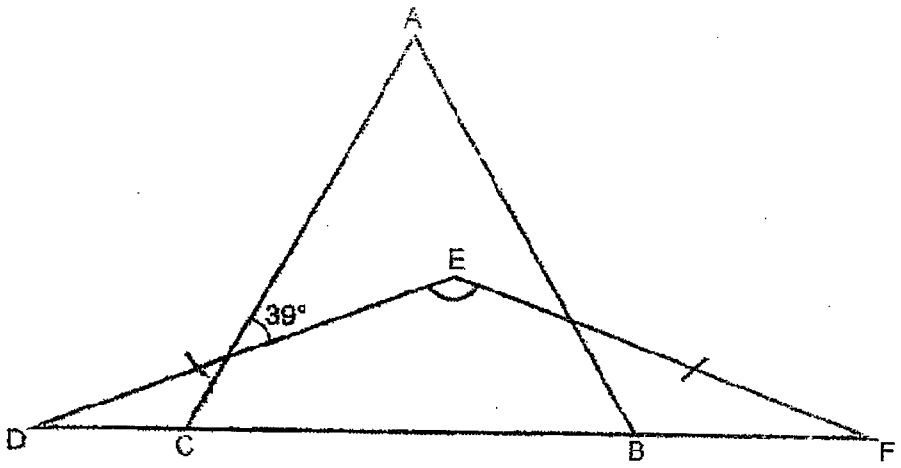
(1) 15 min

(2) 20 min

(3) 35 min

(4) 55 min

12. In the figure below, ABC is an equilateral triangle and DEF is an isosceles triangle. DE = EF. Find ∠DEF.



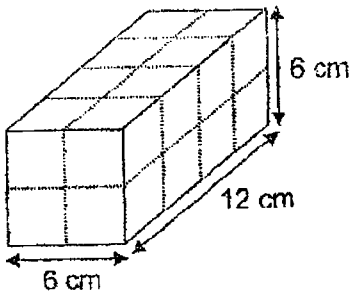
(1) 102°

(2) 120°

(3) 138°

(4) 141°

13. The figure below shows a cuboid made up of 16 identical small cubes. All the faces of this cuboid including the base are painted green. This cuboid was then cut into 2 big identical cubes, each made up of 8 small cubes. Find the total area of the unpainted faces of these 2 big cubes.



(1) 36 cm^2

(2) 72 cm^2

(3) 144 cm^2

(4) 216 cm^2

14. Aaron had \$55 more than Shanti at first. After Aaron used $\frac{2}{5}$ of his money and Shanti used $\frac{1}{3}$ of her money, Aaron had \$27 more than Shanti. How much did Shanti have left at the end?

(1) \$27

(2) \$30

(3) \$54

(4) \$60

15. A sum of money was shared between John and Ken in the ratio 3 : 4. John used all his money to buy 8 identical toy cars that cost \$1.50 each. Ken used some of his money to buy 3 such toy cars. How much money had Ken left?

(1) \$4.50

(2) \$11.50

(3) \$12

(4) \$16

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. Give your answers to the units stated and to its simplest form whenever necessary. (5 marks)

16. Find the value of $20 - (4 \div 8 \div 4) \div 5$

Ans: _____

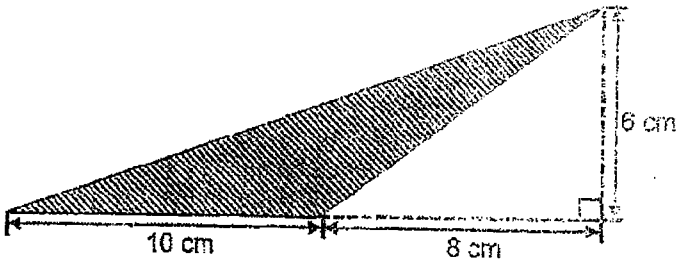
17. Find the value of $68.2 \div 4$

Ans: _____

18. May's clock at home slows down 1 minute after every 6 hours since the battery runs low from 12 midnight. It is now showing 6.00 p.m.. What should be the correct time now? Leave your answer in 24-hour clock.

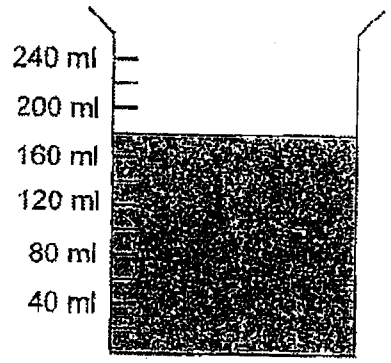
Ans: _____

19. What is the area of the shaded triangle?



Ans: _____ cm^2

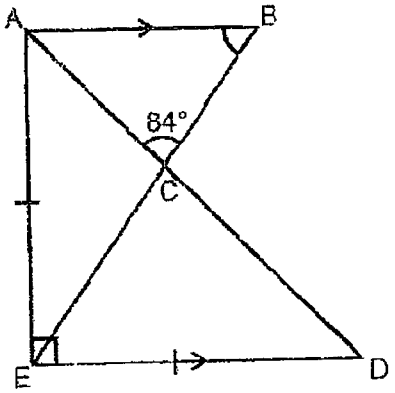
20. The amount of water in a beaker at first is shown as below. After Zoe poured in 50 ml of water into the beaker, what is the total amount of water in the beaker now?



Ans: _____ ml

Questions 21 to 30 carry 2 marks each. Show all mathematical statements clearly in the space below each question and write your answers in the spaces provided. Give your answers to the units stated and to its simplest form whenever necessary. (20 marks)

21. In the figure below, ADE is a right-angled isosceles triangle and BE is a straight line. AE = DE and ∠ACB = 84°. Find ∠ABC.



Ans: _____ °

22. A baker had three boxes of flour weighing 2.7 kg, 3.4 kg and 5.02 kg. He repacked them equally into four bags. What is the mass of each bag?

Ans: _____ g

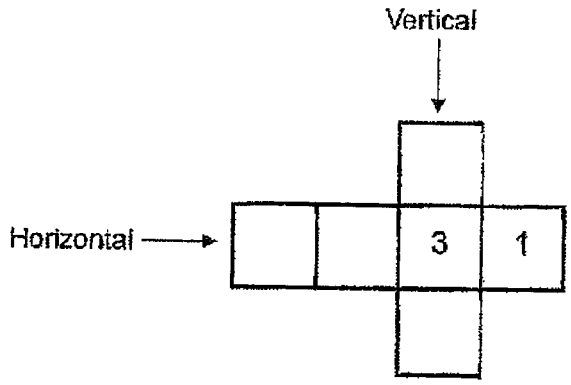
23. The table below shows the prices of pens and erasers sold at a bookshop.

Item	Price per item
Eraser	b cents
Pen	$2b$ cents

Mark spent \$4.20 on 5 erasers and 1 pen. Find the value of b.

_____

24. The figure below shows the net of a cube. Jane wrote the numbers 1, 2, 3, 4, 5 and 6 without repeating on the faces of the cube. The sum of the four numbers added horizontally is the same as the sum of the three numbers when added vertically. When the net is folded to form a cube, '3' is seen on the bottom of the cube. What are the two possible numbers on the top of the cube?

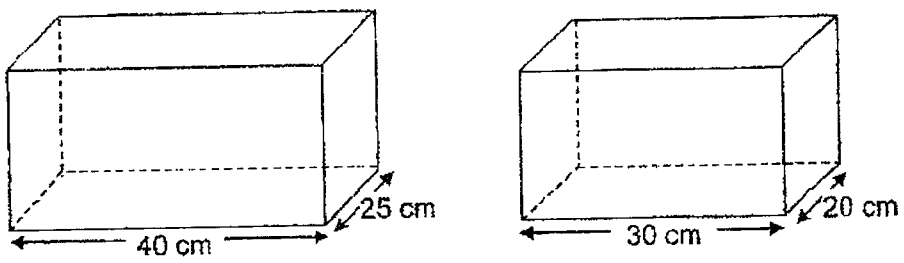


Ans: _____ and _____

25. Mrs Goh had 25 apples and some pears at first. She gave away some apples and $\frac{1}{4}$ of the remaining fruits were pears. After buying 8 mangoes, $\frac{1}{6}$ of the total number of fruits were pears. How many apples did Mrs Goh give away?

Ans: _____

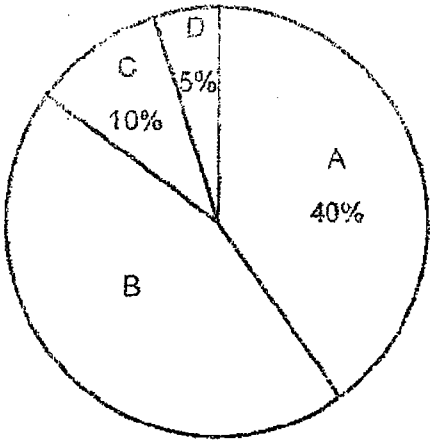
26. Two empty tanks with bases measuring 40 cm by 25 cm and 30 cm by 20 cm are shown below. Both tanks are filled with a total of 8 litres of water to the same height. What is the height of the water level in both tanks?



Ans: _____ cm

The table below shows a group of students and the number of digital devices they owned in a survey conducted. The pie chart shows the percentage of students in each group. Study the table and pie chart carefully. Answer questions 27 and 28.

Group	Number of digital devices
A	0
B	1
C	2
D	More than 2



27. According to the survey, 80 students did not have any digital devices. What fraction of the total number had only 1 digital device?
Give your answer in the simplest form.

Ans: _____

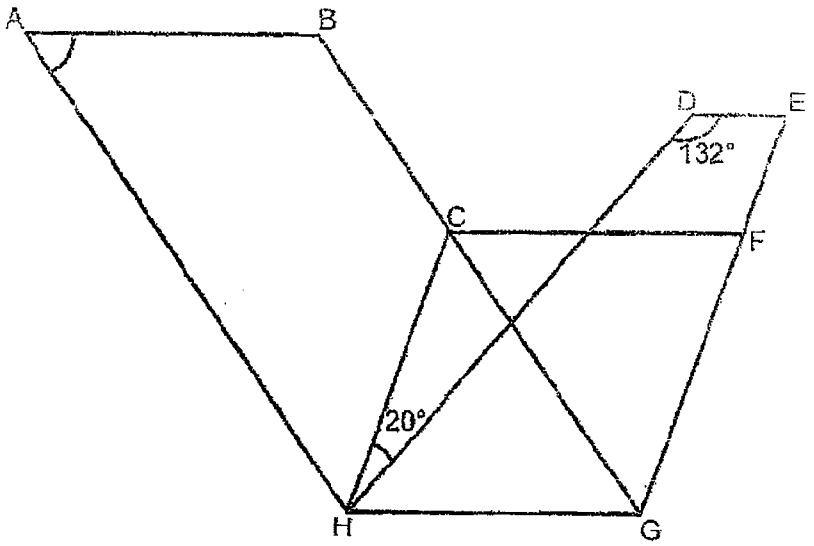
28. How many students had more than 1 devices?

Ans: _____

29. Peter spent $60 of his weekly allowance and saved the rest. During Christmas, his spending increased by 20%. As a result, his savings decreased by 10%. How much was his weekly allowance?

Ans: $_____

30. In the figure below, ABGH is a parallelogram, CFGH is a rhombus and DEGH is a trapezium. $\angle EDH = 132°$ and $\angle CHD = 20°$. Find $\angle BAH$.



Ans: _____ °

End of Paper 1

YEAR : 2025
LEVEL : PRIMARY 6
SCHOOL : ANGLO-CHINESE SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : REVISION PAPER – SET 1A

(BOOKLET A)

Q1	2	Q2	3	Q3	3	Q4	2	Q5	4
Q6	1	Q7	3	Q8	3	Q9	2	Q10	1
Q11	2	Q12	3	Q13	2	Q14	4	Q15	2

(BOOKLET B)

Q16	20 – (4 + 8 ÷ 4) + 5 = 20 – (4 + 2) + 5 = 20 – 6 + 5 = 14 + 5 = 19	Q17	68.2 ÷ 4 = 17.05
Q18	1 + 1 + 1 = 3 6:00 to 6:03 = 1803	Q19	$\frac{1}{2}$ x 18 x 6 = 54 $\frac{1}{2}$ x 8 x 6 = 24 54 – 24 = 30cm²
Q20	before = 180 180 + 50 = 230ml	Q21	BAE = 180 – 90 = 90 BAC = 90 ÷ 2 = 45 ABC = 180 – 84 – 45 = 51°
Q22	5.02 + 3.4 + 2.7 = 11.12 11.12 ÷ 4 = 2.78 2.78kg = 2780g	Q23	5 x b = 5b 1 x 26 = 26 5b + 2b = 7b b = 4.20 ÷ 7 = $0.60
Q24	6 + 2 + 3 + 1 = 12 5 + 3 + 4 = 12 Ans: 6 and 2	Q25	a : p : m 3u : 1u : +8 3u : 1u : 2u 2u = 8 1u = 8 ÷ 2 = 4 3u = 4 x 3 = 12 25 – 12 = 13
Q26	40 x 25 = 1000 30 x 20 = 600 1000 + 600 = 1600 8000 ÷ 1600 = 5cm	Q27	80 ÷ 40 = 2 2 x 100 = 200 2 x 55 = 110 200 – 110 = 90 $\frac{90}{200} = \frac{45}{200} = \frac{9}{20}$
Q28	10 ÷ 5 = 15 15 x 2 = 30	Q29	$\frac{20}{100}$ x 60 = 12 10% decrease = 12 100% = 12 x 10 = 120 120 + 60 = $180
Q30	DAG = 180 – 132 = 48 BAH = (180 – 48 – 20) ÷ 2 = 56°		

END