Ai Tong School
P5 Mathematics
2021 Term 2 Review

Name: _____( ) **Class : 5**_____

Date: _____ **Marks:** _____/35

Duration: 50 min **Parent's signature:** _____

Follow all instructions. Answer all questions.
You are allowed to use a calculator.

Section A

Questions **1** to **5** carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (10 marks)

---

1 What is the missing number in the box?

$4 : 9 = \square : 72$

Ans: _____

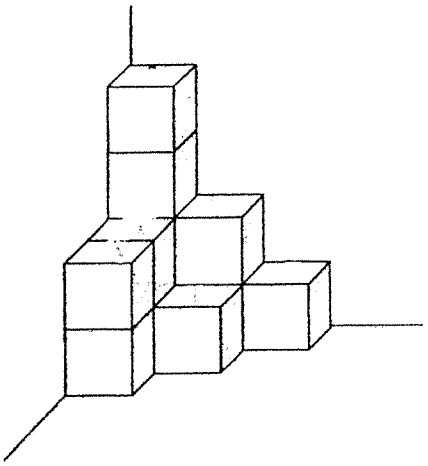
---

2 The ratio of the number of adults to the number of boys to the number of girls at the zoo is 9 : 7 : 6. There are 81 adults. How many children are there at the zoo?

Ans: _____

---

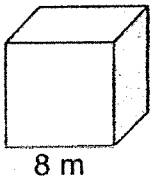
3 The solid below is made up of 1-cm cubes. What is its volume?



Ans: _____ cm^3

---

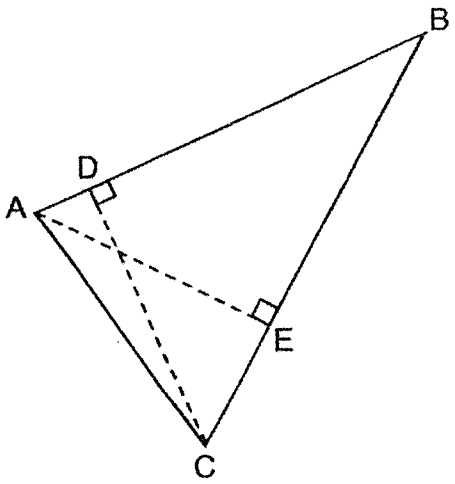
4 What is the volume of the cube shown below?



Ans: _____ m^3

---

5 In the diagram below, ABC is a triangle. If BC is the base of the triangle, name the height of the triangle.



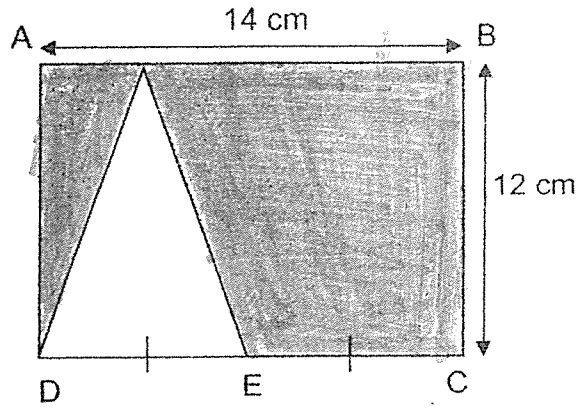
Ans: _____

Section B

For questions **6** to **12**, show your working clearly in the space provided for each question and write the answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question. (25 marks)

---

6 In the figure below, ABCD is a rectangle. DE = CE. Find the shaded area of the figure.



Ans: _____[3]

---

7 The ratio of Kaylee's mass to Owen's mass is 7 : 5. Kaylee's mass is 10 kg more than Owen's mass.

(a) What is Kaylee's mass?

(b) Find their total mass.

Ans: (a) _____[2]

(b) _____[1]

---

8 10 years ago, the ratio of John's age to Andrea's age was 5 : 1.
John is 70 years old now. How old is Andrea now?

Ans: _____ [3]

9 Figure 1 is made up of triangle ABH and rectangle BDFG. In figure 2, triangle CDE is cut out from Figure 1. Find the area of the remaining figure.

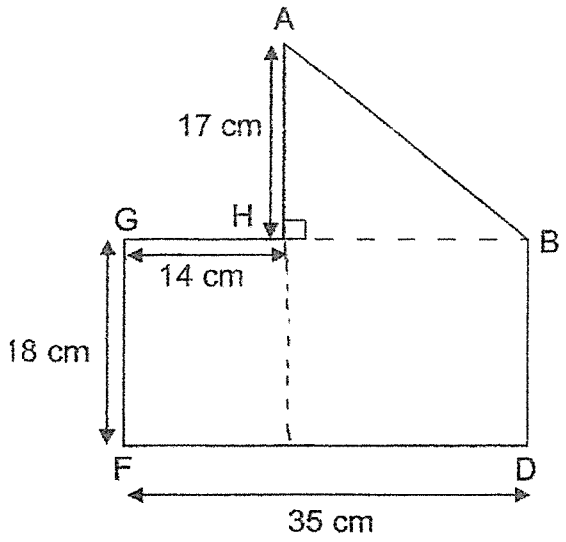


Figure 1

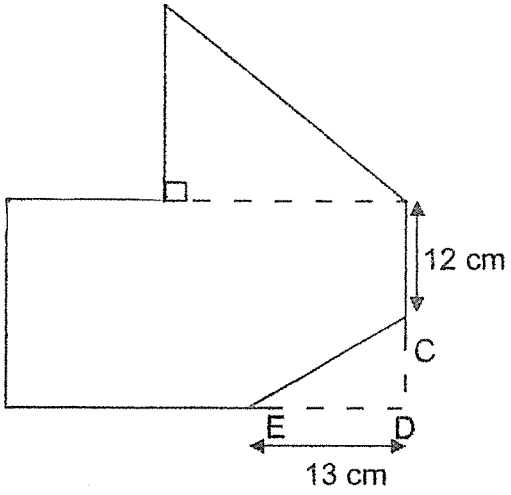
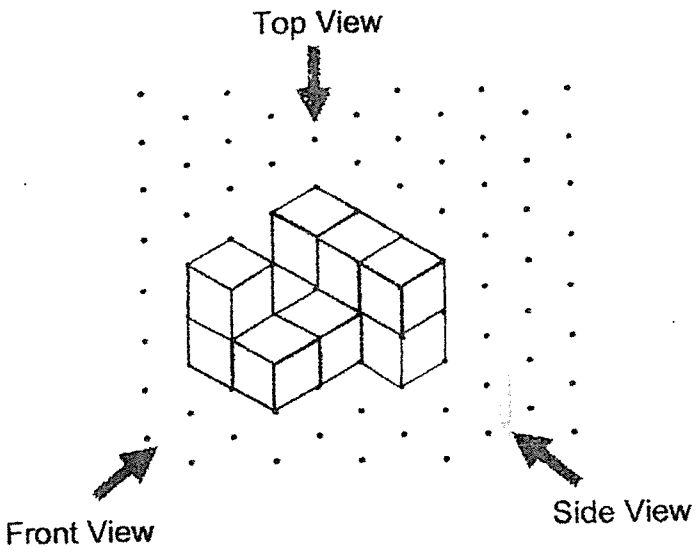


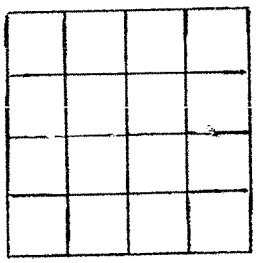
Figure 2

Ans: _____[3]

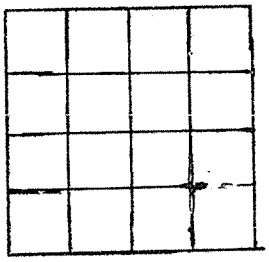
10 Joash stacked 10 cubes together to form the solid below.



(a) Draw the **front view** and **top view** of the solid on the grid below. [2]

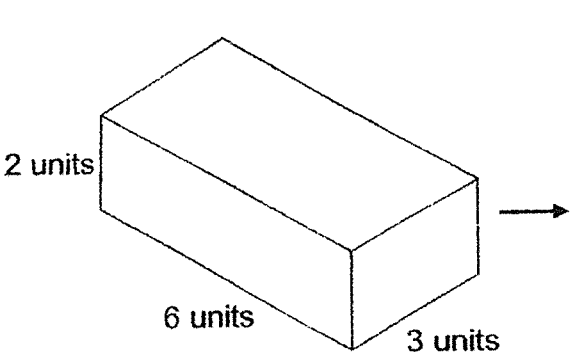


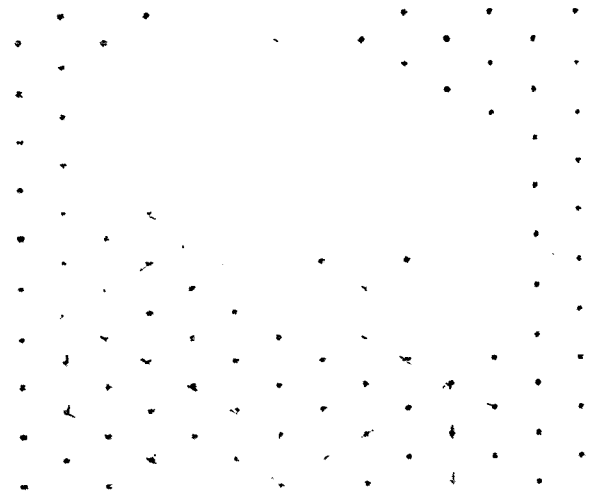
Front view



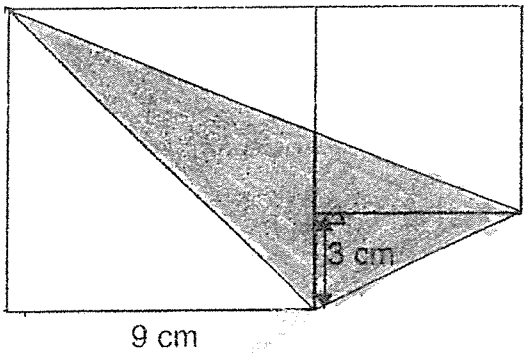
Top view

(b) Draw the cuboid on the isometric grid. [2]





11 Two squares of different sizes and a triangle are joined together without any overlap to form the figure below. Part of it was then shaded. Find the area of the shaded part.



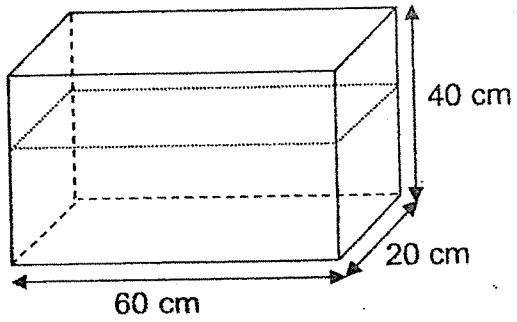
Ans: _____[4]

12 Jenny filled $\frac{2}{3}$ of a rectangular tank with water. The tank is 60 cm long, 20 cm wide and 40 cm high.

(a) What is the capacity of the rectangular tank?

(b) Jenny then poured out 20 litres of water. The remaining amount of water was used to fill up 450 ml mugs to the brim.
What is the most number of mugs Jenny could fill?

(c) After filling up the number of mugs in (b), how much water was left in the tank?



Ans: (a) _____ [1]

(b) _____ [3]

(c) _____ [1]

End of Paper
--- CHECK YOUR WORK CAREFULLY ---

5

Ai Tong School
P5 Mathematics
Term 2 Practice 2

Name: _____( )
Class: _____
Date: _____

Paper 1
Booklet A

Questions **1** to **10** carry 1 mark each. Questions **11** to **15** carry 2 marks each.
(20 marks)

---

1 Three million, three hundred and three thousand and thirty-three in numerals is _____

(1) 3 003 333
(2) 3 033 033
(3) 3 300 333
(4) 3 303 033

2 How many thousands make 8 000 000?

(1) 80
(2) 800
(3) 8 000
(4) 80 000

3 What is the missing number in the box?

250 × 7000 = 250 × ☐ × 70

(1) 10
(2) 100
(3) 1000
(4) 10 000

4 Find the value of 76 – 4 + 52 ÷ 4.

(1) 85
(2) 62
(3) 59
(4) 31

5 Find the difference between 9 tenths and 15 hundredths.

(1) 0.060

(2) 0.075

(3) 0.750

(4) 0.885

6 Which of the following has the same value as $12 \times \frac{3}{8}$?

(1) $\frac{12}{12} \times \frac{3}{8}$

(2) $\frac{3}{8} \times \frac{12}{1}$

(3) $\frac{3}{8} \times \frac{1}{12}$

(4) $\frac{8}{1} \times \frac{3}{12}$

7 Mrs Ho had $\frac{5}{8}$ kg of flour. She used $\frac{1}{3}$ kg to bake some muffins. How much flour had she left?

(1) $\frac{1}{24}$ kg

(2) $\frac{5}{24}$ kg

(3) $\frac{7}{24}$ kg

(4) $\frac{10}{24}$ kg

8 Look at the diagram below.

Find the ratio of the number of ◇ to the number of ▽ to the number of ○ .

▽	◇	▽	◇	◇	○
◇	▽	◇	○	▽	▽
○	○	◇	▽	◇	◇

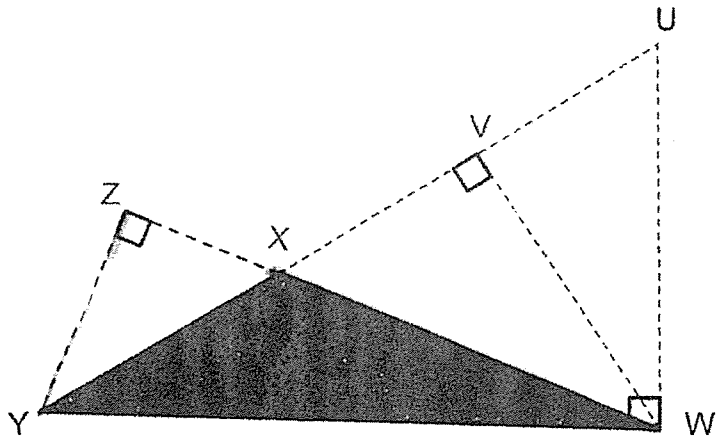
(1) 2 : 3 : 4

(2) 3 : 4 : 2

(3) 4 : 2 : 3

(4) 4 : 3 : 2

9 In the figure, WX is the base of the triangle WXY. Which line represents its height?



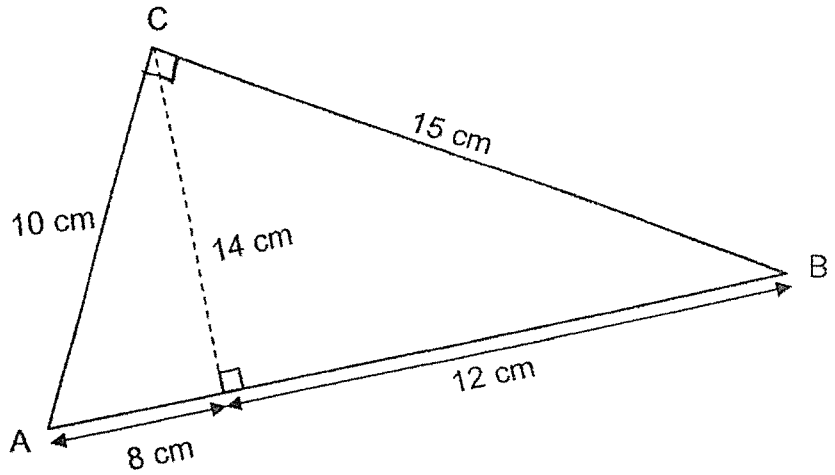
(1) UW

(2) VW

(3) XY

(4) YZ

10 What is the area of triangle ABC shown below?



(1) 150 cm^2

(2) 140 cm^2

(3) 130 cm^2

(4) 100 cm^2

11 There were 2 adults for every 3 children at a book fair.
There were 114 children at the book fair.
How many people were there at the book fair altogether?

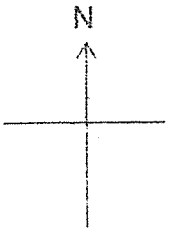
(1) 76

(2) 171

(3) 190

(4) 285

12 Da Hao was facing south-east. He made a $\frac{1}{4}$-turn clockwise.
He then made a 135° anti-clockwise turn. Which direction is he facing now?



(1) east
(2) south
(3) north-east
(4) south-west

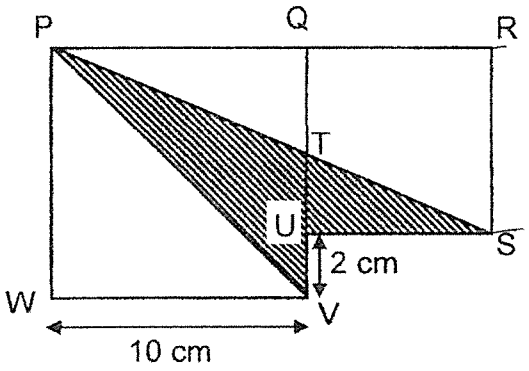
13 The ratio of Dhatch's height to Peter's height is 3 : 5.
The ratio of Ameer's height to Peter's height is 3 : 4.
What is the ratio of Dhatch's height to Peter's height to Ameer's height?

(1) 12 : 20 : 15
(2) 15 : 20 : 12
(3) 3 : 5 : 4
(4) 5 : 4 : 3

14 A green light bulb and a red light bulb are switched on at the same time.
The green light bulb blinks every 3 seconds and the red light bulb blinks every 6 seconds.
When is the second time that the green and red light bulbs blink together?

(1) 18th second
(2) 12th second
(3) 3rd second
(4) 6th second

15 The figure below is made up of 2 squares PQVW and QRSU.
The length of WV is 10 cm. Find the total area of the **unshaded** parts.



(1) 42 cm^2

(2) 50 cm^2

(3) 72 cm^2

(4) 122 cm^2

Booklet B

Questions **16** to **20** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

---

16 What is the value of the digit 8 in 4 809 030?

Ans: _____

---

17 What is 10 more than 99 999?

Ans: _____

---

18 A tank contains 9200 mℓ of water.
The water is poured equally into 80 identical glasses.
What is the capacity of each glass?

Ans: _____ mℓ

---

19 What is the value of $17 + (12 - 10 \div 2) \times 4$?

Ans: _____

---

20 Express $\frac{3}{8}$ as a decimal.

Ans: _____

2

Questions **21** to **30** carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (20 marks)

---

21 The ratio of the number of Ali's marbles to the number of Billy's marbles to the number of Conan's marbles is 2 : 4 : 3. Conan has 86 marbles more than Ali. How many marbles do the 3 boys have in all?

Ans: _____

---

22 Emily had $\frac{11}{12}$ ℓ of oil. She used $\frac{1}{2}$ of it on Monday.
How much oil was left? Give your answer in the simplest form.

Ans: _____ ℓ

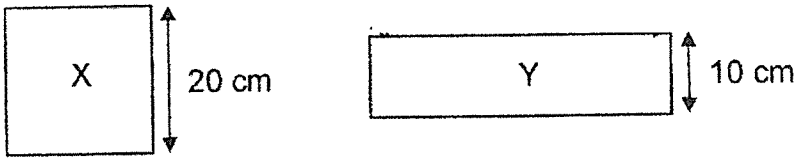
---

23 Nina bought 4 storybooks and 3 magazines for $43.
Each magazine was $2 cheaper than each storybook.
What was the cost of each magazine?

Ans: $_____

---

24 Square X and Rectangle Y have the same area. Find the perimeter of Rectangle Y.



Ans: _____cm

---

25 There are 72 peopie at a restaurant. 32 of them are females.
What fraction of the people at the restaurant are males?
Give your answer as a fraction in the simplest form.

Ans: _____

---

26 There are 8 classes out on a learning journey.
There are 28 pupils in each class.
One teacher is required to be in charge of a maximum of 20 pupils.
What is the least number of teachers needed for this learning journey?

Ans: _____

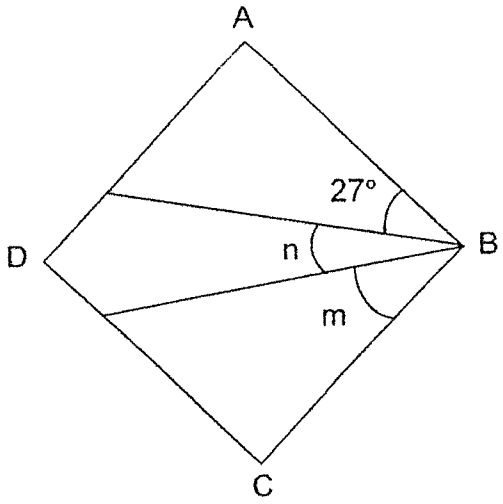
---

27 This year, Jun Jie is 11 years old and Yong Lin is 26 years old.
What is the ratio of Jun Jie's age to Yong Lin's age in 7 years' time?
Give your answer in the simplest form.

Ans: _____

---

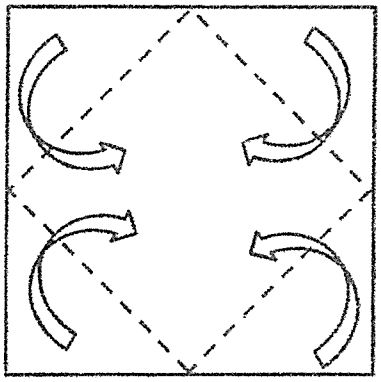
28 In the figure below, ABCD is a square. ∠m is twice the size of ∠n. Find ∠n.



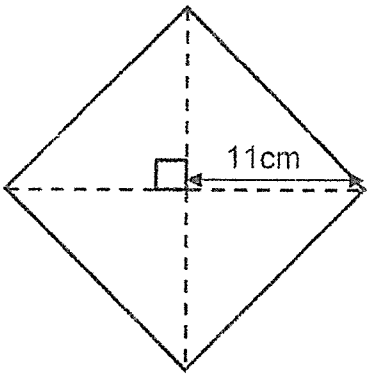
Ans: _____ °

---

29 The four corners of a square piece of paper were folded inwards to form a smaller square. What was the area of the paper before it was folded?



before folding



after folding

Ans: _____ cm^2

---

30 Amirah and Belle made 70 origami flowers in the ratio of 4 : 3.
Later, Belle made another 5 origami flowers.
How many origami flowers did Belle make in all?

Ans: _____

End of Paper 1

4

ANSWER KEY

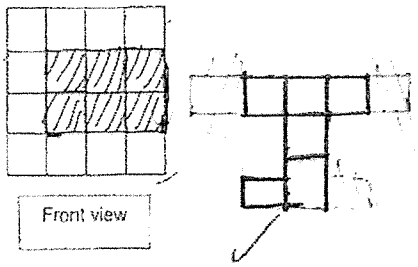
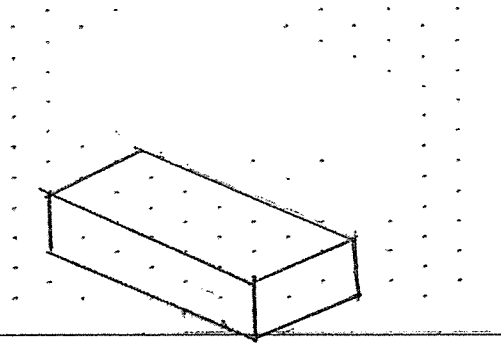
YEAR : 2021
LEVEL : PRIMARY 5
SCHOOL : AI TONG SCHOOL
SUBJECT : MATHEMATICS
TERM : TERM 2 REVIEW

SECTION A

Q1	32
Q2	9u=81 1u=9 7+6=13 13u=13×9=117
Q3	$12cm^3$
Q4	$8×8×8=512m^3$
Q5	AE

SECTION B

Q6	12×14=168 ½×7×12=42 $168-42=126cm^3$
Q7	2u=10 1u=5 7u=35 5u=25 12u=60 a)35kg b)60kg
Q8	70−10=60 5u-60 1u=60÷5=12 12+10=22 years old
Q9	35×18=630 ½×21×17=1785 630+178.5=8085 ½×13×6=39 $808.5-39=769.5cm^2$

Q10	a)  b) 
Q11	9−3=6 ½×9×6=27 (9×9)+(6×6)=117 a)½×9×9=405 b)½×15×6=45 117−40.5−45=31.5 31.5+9=40.5cm^2
Q12	60×20×40=48000 (a) 48000÷3=16000 16000×2=32000 32000−20000=12000 12000÷450=$26\frac{2}{3}$ (b) 32000÷2=16000 16000÷2=800 26×450=11700 12000−11700=300 (c) a)48000cm^3 b)26 c)300cm^3

ANSWER KEY

YEAR : 2021
LEVEL : PRIMARY 5
SCHOOL : AI TONG SCHOOL
SUBJECT : MATHEMATICS
TERM : TERM 2 PRACTICE 2

BOOKLET A

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

BOOKLET B

Q16	800000
Q17	100009
Q18	115ml
Q19	45
Q20	0.375 $\frac{3}{8} \times \frac{125}{125} = \frac{375}{1000} = 0.375$
Q21	3−2=1 1u=86 3u=86×3=258 4u=258+86=344 344÷2=172 258+344=602 602+172=774
Q22	$\frac{1}{2} \times \frac{11}{12} = \frac{11}{24}$
Q23	2×4=8 43−8=35 35÷7=$5
Q24	40×2=80 10×2=20 80+20=100cm
Q25	$\frac{32}{72}$ =female 72−32=40 $\frac{40}{72}$ =male $=\frac{5}{9}$
Q26	224÷20=11R4 11+1=12
Q27	6:11

Q28	90−27=63 63÷3=21°
Q29	11×2=22 22×22=484cm^2
Q30	7u=70 1u=70÷7=10 3u=3×10=30 30+5=35

END