

# Anglo-Chinese School (Junior)



## WEIGHTED BITE-SIZED ASSESSMENT 1 (2021) PRIMARY 5

### MATHEMATICS

Wednesday

3 March 2021

45 min

#### INSTRUCTIONS TO PUPILS

**DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO**

Follow all instructions carefully.

There are 13 questions in this booklet.

Answer ALL questions.

You are not allowed to use a calculator.

Name: \_\_\_\_\_ ( )

Class: 5. ( )

Parent's Signature: \_\_\_\_\_

Section	Possible Marks	Marks Obtained
A	7	
B	7	
C	11	
TOTAL	25	

This question paper consists of 8 printed pages. (Inclusive of cover page)

Questions 1 to 3 carry 1 mark each.

Questions 4 to 5 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). (7 marks)

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1.  $9\ 060\ 450 = 9\ 000\ 000 + \underline{\hspace{2cm}} 450$

1) 60

2) 6000

3) 60 000

4) 600 000

(       )

2. Find the value of  $16 + 40 \div 4 \times 2$ .

1) 7

2) 21

3) 28

4) 36

(       )

3. What is the value of  $\frac{4}{5} \times \frac{3}{10}$  ?

1)  $\frac{8}{3}$

2)  $\frac{11}{10}$

3)  $\frac{7}{15}$

4)  $\frac{6}{25}$

(       )

2

Sub-Total:

4. 10 scouts were each given 10 funfair tickets to sell.  
4 of the scouts sold 7 tickets each.  
The rest of the scouts sold all their tickets.  
Which one of the following represents the correct way to find how many tickets were left?

1)  $(100 - 4) \times 7 - (6 \times 10)$

2)  $100 - (4 \times 7) - (6 \times 10)$

3)  $(100 - 4 \times 7 - 6) \times 10$

4)  $100 - 4 \times (7 - 6) \times 10$  ( )

5. A box with a mass of 12 kg is 5 times as heavy as a bag.  
What is the mass of the bag?

1)  $\frac{5}{12}$  kg

2)  $\frac{7}{12}$  kg

3)  $1\frac{5}{7}$  kg

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

Questions 6 to 8 carry 1 mark each.

Questions 9 to 10 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. (7 marks)

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6. Divide 2610 by 30.

Answer : \_\_\_\_\_

7. What must be added to 3058 to get half a million?

Answer : \_\_\_\_\_

8. Find the value of  $14 \div 4$ .  
Express your answer as a mixed number in its simplest form.

Answer : \_\_\_\_\_

4

Sub-Total:

9. Mary had  $\frac{3}{8}$  m of ribbon. June's ribbon was 4 times as long as Mary's ribbon. Find the total length of ribbon Mary and June had. Give your answer in metres.

Answer : \_\_\_\_\_m

10. A box containing 6 identical books weighs 2400 g. The mass of the box is twice the mass of the book. What is the mass of the box? Give your answer in grams.

Answer : \_\_\_\_\_g

5

Sub-Total:

For questions 11 to 13, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (11 marks)

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11. Mr Lim was 6 times as old as his grandson 7 years ago.  
How old is his grandson now if the sum of their present ages is 77 years?

Ans: \_\_\_\_\_ [3]

6

Sub-Total:


12. Adam and Shurui had the same number of marbles.  
Adam gave away 7 marbles and Shurui gave away 45 marbles.  
Adam then had 3 times as many marbles as Shurui.  
How many marbles did Adam and Shurui each have at first?

Ans: \_\_\_\_\_ [4]

7

Sub-Total:

13. The prices of banana muffins and chocolate muffins sold in a shop are as shown.



Banana Muffin : \$2 Each  
Chocolate Muffin : \$3 Each

June paid a total of \$144 for some banana and chocolate muffins.  $\frac{1}{4}$  of the number of muffins June bought were chocolate muffins and the rest were banana muffins. How many banana muffins did June buy?

Ans: \_\_\_\_\_ [4]

~ End of Paper ~

Sub-Total:



**Anglo-Chinese School  
(Junior)**



**BITE-SIZED ASSESSMENT TWO (2021)  
PRIMARY 5**

**MATHEMATICS**

Thursday

6 May 2021

45 min

**INSTRUCTIONS TO PUPILS**

**DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO**

Follow all instructions carefully.

There are 13 questions in this booklet.

Answer ALL questions.

You are not allowed to use a calculator.

Name: \_\_\_\_\_ (      )

Class: 5. (      )

Parent's Signature: \_\_\_\_\_

Section	Possible Marks	Marks Obtained
A	7	
B	7	
C	11	
<b>TOTAL</b>	<b>25</b>	

This question paper consists of 10 printed pages. (Inclusive of cover page)

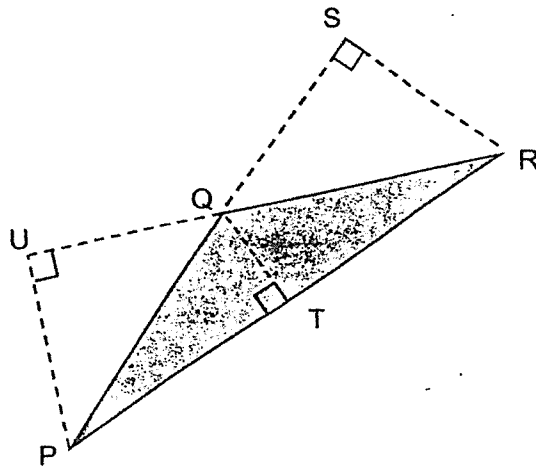
Questions 1 to 3 carry 1 mark each.

Questions 4 to 5 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). (7 marks)

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1. In the figure below, SR is the height of Triangle PQR.  
What is the base of the triangle?



- 1) PS
- 2) PR
- 3) QP
- 4) QU

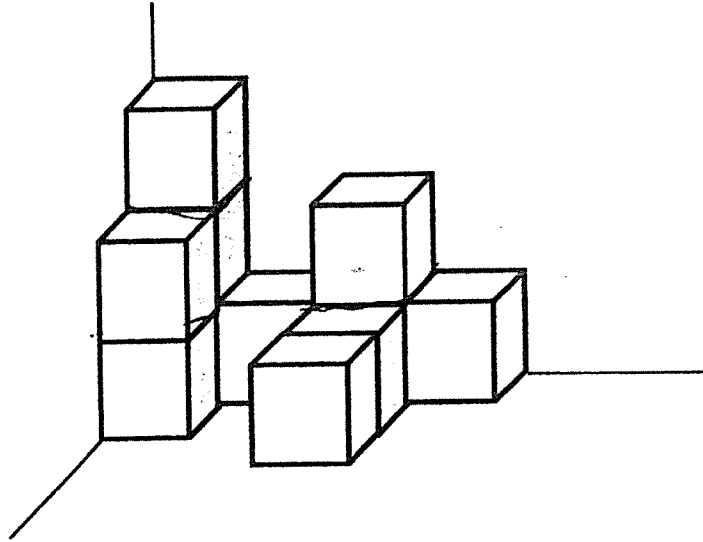
(      )

2. There are 36 pens, 9 highlighters and 12 rulers in a box. What is the ratio of the number of highlighters to the number of pens to the number of rulers in the box?

- 1) 1 : 4 : 12
- 2) 3 : 12 : 4
- 3) 6 : 3 : 2
- 4) 12 : 3 : 4

(      )

3. The solid below is made up of unit cubes. How many unit cubes are there?



- 1) 8
- 2) 9
- 3) 10
- 4) 11

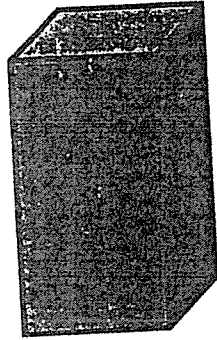
(      )

4. Fiona made a bracelet with 48 blue and pink beads. For every 3 blue beads, she used 5 pink beads. How many more pink beads did she use?

- 1) 12
- 2) 14
- 3) 30
- 4) 32

(      )

5. The cuboid below has a square base of length 4 cm. Its height is twice its length. Find the volume of the cuboid.



4 cm

- 1)  $4 \text{ cm}^3$
- 2)  $32 \text{ cm}^3$
- 3)  $128 \text{ cm}^3$
- 4)  $256 \text{ cm}^3$

(       )

Questions 6 to 8 carry 1 mark each.

Questions 9 to 10 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. (7 marks)

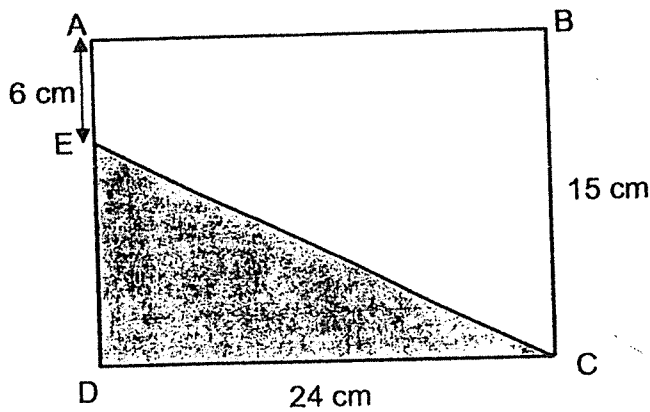
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6.  $3 : 8 = \square : 208$

What is the missing number?

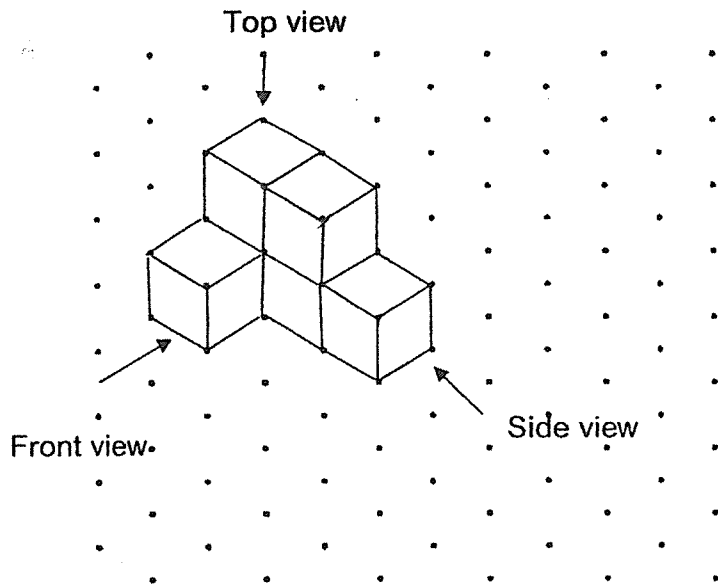
Answer : \_\_\_\_\_

7. In the figure, ABCD is a rectangle. Find the area of the shaded triangle.

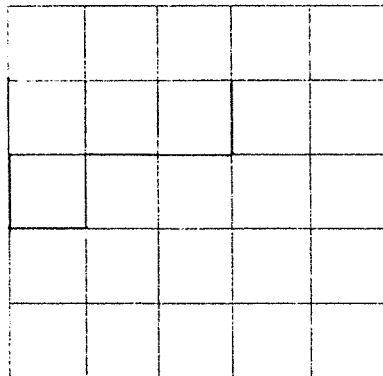


Answer : \_\_\_\_\_ cm<sup>2</sup>

8. Yasmin stacked 6 cubes and glued them together to form the solid below.



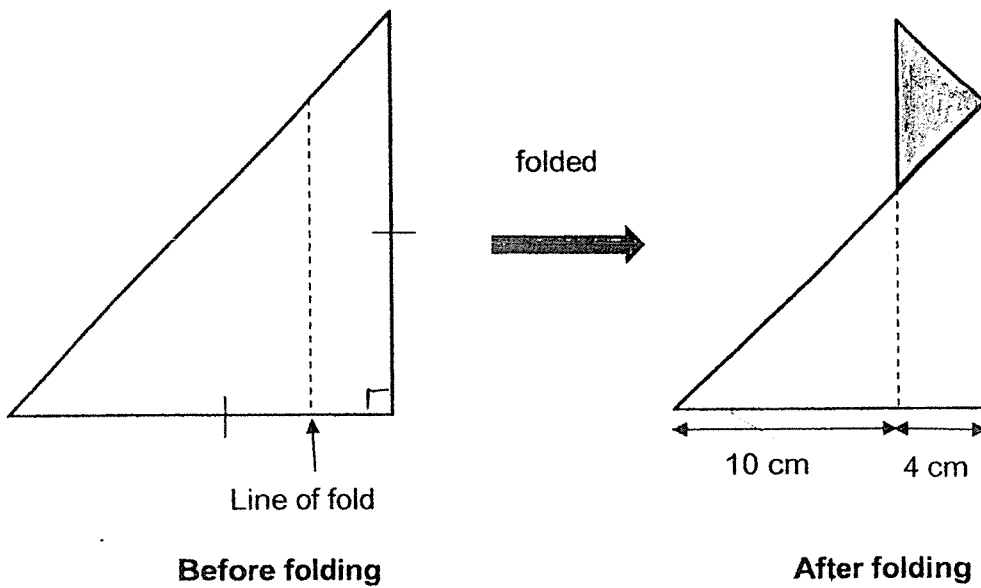
Draw the **top view** of the solid on the square grid below.



9. A cuboid had its length increased three times, its breadth increased four times and its height increased two times. How many times has the volume of this cuboid increased?

Answer : \_\_\_\_\_

10. Ken was given a piece of paper in the shape of a right-angled triangle. Two of its sides are equal in length. He then folded the triangular paper along the dotted line as shown below. Find the area of the paper before folding



Answer : \_\_\_\_\_ cm<sup>2</sup>

For questions 11 to 13, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (11 marks)

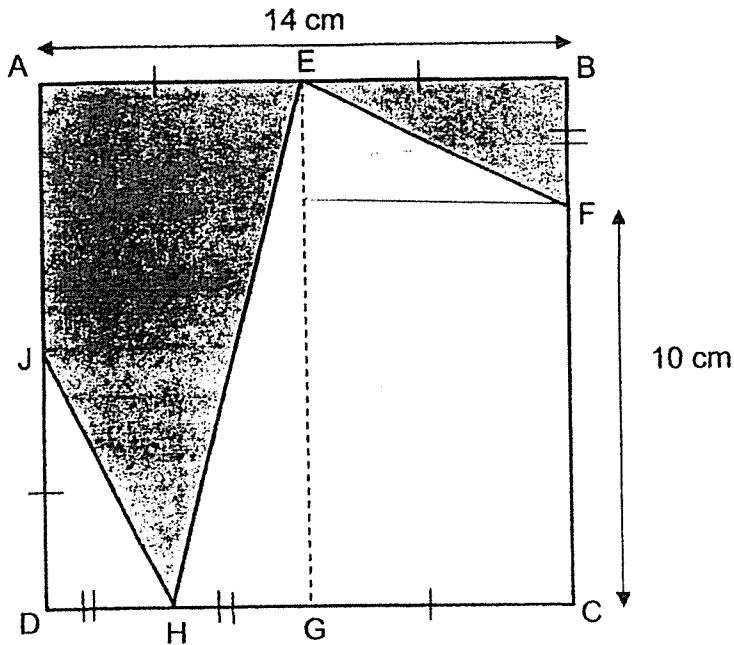
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11. Ray and Ahmad shared a sum of \$6349 in the ratio 5 : 2. How much more did Ray have than Ahmad?

Answer : \_\_\_\_\_ [3]



12. In the figure, ABCD is a square. AEGD and EBCG are rectangles and EBF and JHD are triangles.  $AB = 14$  cm and  $FC = 10$  cm.  $AE = EB = JD = GC$  and  $DH = HG = BF$ . Find the total area of the shaded parts.



Answer : \_\_\_\_\_ [4]

13. The ratio of the length to the breadth to the height of a cuboid is 5 : 2 : 4.  
The height is 12 cm longer than the breadth.

(a) Find the length of the cuboid.

(b) Find the volume of cuboid.

Answer: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

~ End of Paper ~

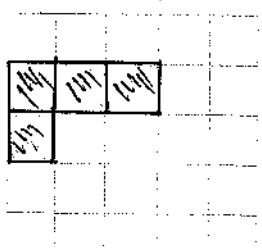
## ANSWER KEY

**YEAR : 2021**  
**LEVEL : Primary 5**  
**SCHOOL : Anglo-Chinese School**  
**SUBJECT : MATHEMATICS**  
**TERM : Weighted Bite-Sized Assessment 1 & 2**

### Weighted Bite-Sized Assessment 1

Q1	3	Q2	4	Q3	4
Q4	2	Q5	4		
Q6	87	Q7	500000-3058=496942		
Q8	$14 \div 4 = 3\frac{1}{2}$	Q9	$\frac{3}{8} + (\frac{3}{8} \times 4) = 1\frac{7}{8}$		
Q10	$2400 \div 8 = 300$ $300 \times 2 = 600$	Q11	$7 \times 2 = 14$ $77 - 14 = 63$ $63 \div 7 = 9$ $9 + 7 = 16$		
Q12	$45 - 7 = 38$ $38 \div 2 = 19$ $19 + 45 = 64$	Q13	$2 \times 3 = 6$ $6 + 3 = 9$ $144 \div 9 = 16$ $16 \times 3 = 48$		

### Weighted Bite-Sized Assessment 2

Q1	3	Q2	2	Q3	4	Q4	1	Q5	3
Q6	$3 \times 26 = 78$			Q7	$15 - 6 = 9$ $\frac{1}{2} \times 24 \times 9 = 108$				
Q8				Q9	$3 \times 4 \times 2 = 24$				

<b>Q10</b>	$10+4+4=18$ $\frac{1}{2} \times 18 \times 18 = 162$	<b>Q11</b>	$5+2=7$ $6349 \div 7 = 907$ $5-2=3$ $907 \times 3 = \$2721$
<b>Q12</b>	$24 \div 2 = 12$ $12 \div 2 = 6$ $18+6=24$ $12 \times 24 = 288$ $288-36-72=180$ $180+26=216\text{cm}^2$	<b>Q13</b>	(a) $4-2=2$ $12 \div 2 = 6$ $5 \times 6 = 30\text{cm}$ (b) $6 \times 2 = 12$ $6 \times 4 = 24$ $30 \times 12 \times 24 = 8640\text{cm}^3$

3