Catholic High School (Primary)
Primary 5 Mathematics 2021
Weighted Assessment 1

NAME : _____ ( ) DATE : _____

CLASS : _____

PARENT'S SIGNATURE : _____

30

Section A

Questions 1 to 4 carry 2 marks each. For each question, four options are given. Make your choice (1, 2, 3 or 4) and write your choice in the bracket provided. All diagrams are not drawn to scale. (8 marks)

---

1. Find the product of 251 and 80.

(1) 1608

(2) 2008

(3) 16 080

(4) 20 080 ( )

---

2. 3 pies were shared equally among 5 children. How many pies did 2 children receive?

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

(2) $\frac{6}{10}$

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

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

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3. Ahmad and Ravi had the same number of marbles at first. After Ahmad gave away 35 of his marbles and Ravi lost 5 of his marbles, Ravi had thrice as many marbles as Ahmad. How many marbles did Ahmad have in the end?

(1) 10

(2) 15

(3) 20

(4) 30 ( )

---

4. A baker bought 4 kg of flour. He used $\frac{2}{5}$ kg on Monday and $\frac{1}{2}$ kg on Tuesday. How many kilograms of flour did he have left?

(1) $3\frac{1}{10}$ kg

(2) $3\frac{4}{7}$ kg

(3) $3\frac{2}{5}$ kg

(4) $3\frac{2}{3}$ kg ( )

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Section B

Questions 5 to 10 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale.

(12 marks)

Do not write in this space

5. Express $\frac{7}{9}$ as a decimal. Correct your answer to 2 decimal places.

Ans: _____

6. Mr Lim bought 300 boxes of sweets. Each box contained 12 sweets. He repacked all the sweets into packets of 10. How many packets of sweets were there altogether?

Ans: _____

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7. There were 156 people in Hall A and 84 people in Hall B. After 29 people left Hall A and some people entered Hall B, there was an equal number of people in both halls. How many people entered Hall B?

Do not write in this space

Ans: _____

8. The length of a rug is $\frac{3}{4}$ m and the breadth is $\frac{1}{6}$ m. What is the area of the rug? Express your answer in the simplest form.

Ans: _____ m^2

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9. The mass of a tin filled with some candies is 200 g. Another identical tin filled with some biscuits weighs 860 g. The biscuits weigh 7 times as heavy as the candies. What is the mass of the candies?

Do not write in this space

Ans: _____ g

10. There were 4 times as many red apples as green apples in a basket.

Each of the statements below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) to indicate your answer.

Statement	True	False	Not possible to tell
(a) $\frac{1}{4}$ of the apples were green.			
(b) After $\frac{1}{2}$ of the red apples were given away, there were twice as many red apples as green apples.			

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Section C

Do not write in this space

For questions 11 to 13, show your working clearly in the space provided for each question 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.

(10 marks)

11. 4 chairs and 2 tables cost $314. The chair cost $52 less than the table. How much does a chair cost?

Ans: _____ [3]

12. Melvin wanted to exchange some tokens for a reward. He had only $\frac{1}{3}$ of the total number of tokens needed. After he received another 60 tokens, he still needed $\frac{5}{12}$ of the total number of tokens. How many tokens did he need to redeem the reward?

Be more careful

Ans: _____ [3]

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13. A pen cost $1. A notebook cost $2 more than a pen.
Mei Ling paid $98 for some notebooks and pens. She bought twice as many notebooks as pens.

a) How many pens did she buy?

b) How much more money did she spend on the notebooks than pens?

Do not write in this space

Ans: a) _____ [2]

b) _____ [2]

END OF PAPER

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Catholic High School (Primary)
Primary 5 Mathematics 2021
Weighted Assessment 2

NAME : _____ ( ) DATE : _____

CLASS : _____

PARENT'S SIGNATURE : _____

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Section A

Questions 1 to 4 carry 2 marks each. For each question, four options are given. Make your choice (1, 2, 3 or 4) and write your choice in the bracket provided. All diagrams are not drawn to scale. (8 marks)

---

1. What is the missing number in the box below?

   6 : 9 = ☐ : 15

   (1) 12

   (2) 10

   (3) 9

   (4) 6 ( )

---

2. A bag contained 210 buttons of two different colours. The ratio of the number of blue buttons to the number of red buttons was 2 : 5. Find the number of red buttons.

   (1) 30

   (2) 60

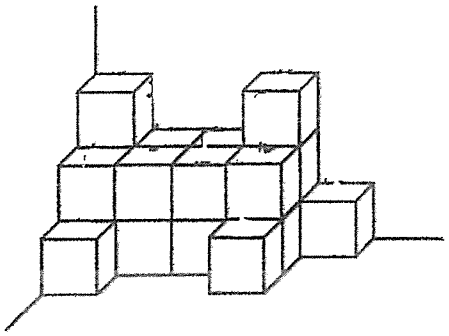
   (3) 90

   (4) 150 ( )

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3. The solid below is made up of 1-cm cubes. Amy wants to form a new solid with a volume of 10 cm^3. How many cubes must she remove from the solid below?



(1) 4

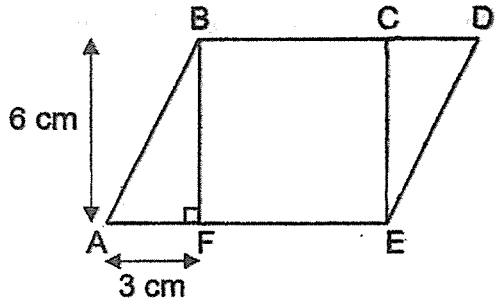
(2) 5

(3) 11

(4) 21 ( )

---

4. The figure ABDE below is made up of a square BCEF and two identical triangles ABF and CDE. BF= 6 cm and AF = 3 cm. Find the area of the figure ABDE.



(1) 54 cm^2

(2) 36 cm^2

(3) 27 cm^2

(4) 18 cm^2 ( )

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Section B

Questions **5** to **10** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale.

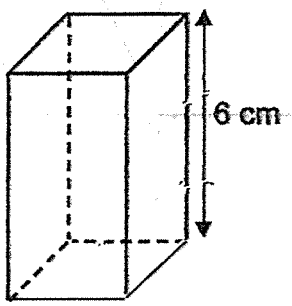
(12 marks)

Do not write in this space

5. The ratio of the number of books to the number of pens is 2 : 5. The ratio of the number of erasers to the number of books is 3 : 7. What is the ratio of the number of pens to the number of erasers?

Ans: _____

6. The figure below shows a cuboid with a square base and a height of 6 cm. The side of the square base is half of its height. Find the volume of the cuboid.



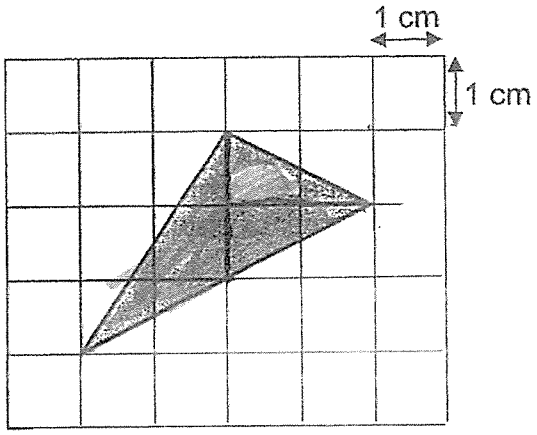
Ans: _____ cm^3

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Do not write in this space

7. The shaded figure below is drawn on a square grid.
Find the area of the shaded figure.



Ans: _____ cm^2

8. The ratio of the number of sweets Asha had to the number of sweets Bala had was 3 : 4. The ratio of the number of sweets Bala had to the number of sweets Carl had was 2 : 3.

Each of the statements below is either true, false or not possible to tell from the information given. For each statement, put a (✓) to indicate your answer.

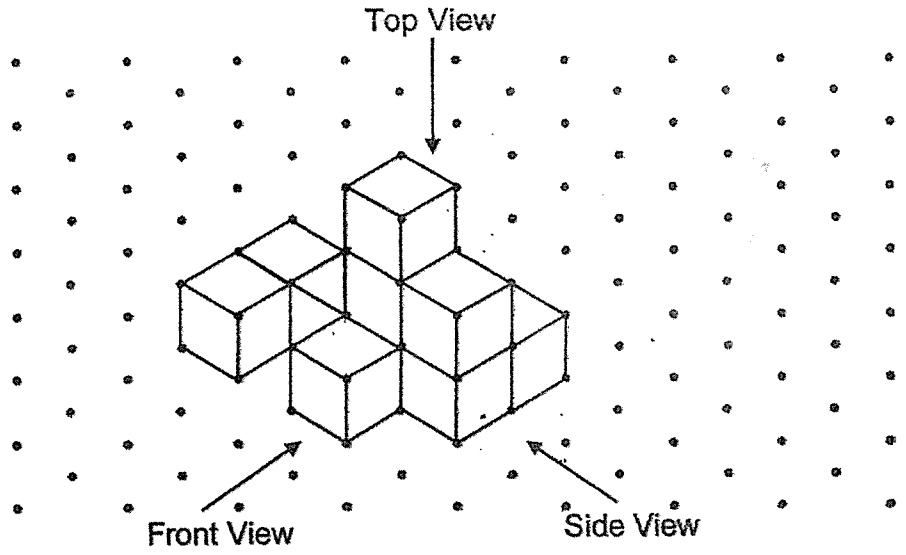
Statement	True	False	Not possible to tell
(a) Asha and Carl had the same number of sweets.			
(b) After Bala gave half of his sweets to Carl, Carl had 4 times as many sweets as Bala.			

(Go on to the next page)

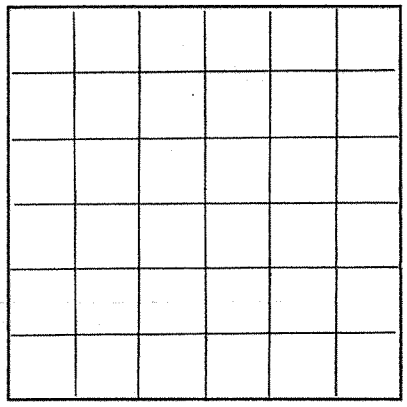
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9. The following solid is made up of 10 unit cubes. Draw the front view and the side view of the solid.

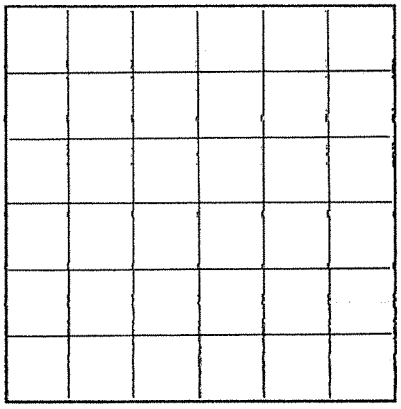
Do not write in this space



Front View



Side View

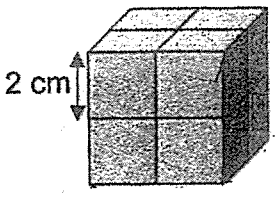


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10. The solid below is made up of identical unit cubes. The edge of each cube is 2 cm. Find the volume of the solid.

Do not write in this space



Ans: _____ cm^3

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Section C

For questions 11 to 13, show your working clearly in the space provided for each question 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.

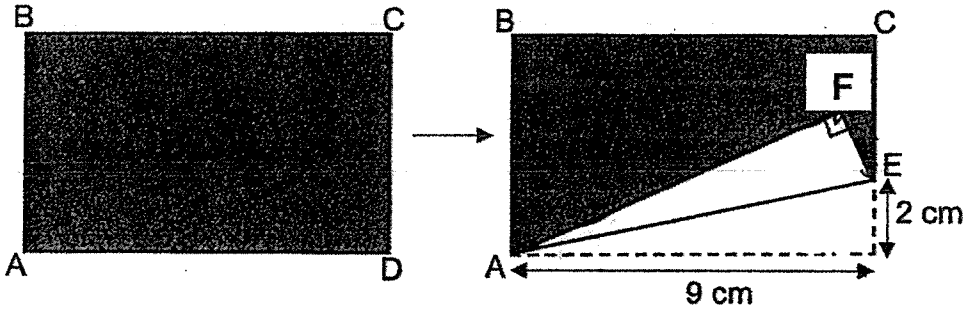
(10 marks)

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11. A piece of wire is bent to form a triangle. The sides of the triangles are in the ratio of 3 : 5 : 9. The difference between the longest side of the triangle and the shortest side of the triangle is 42 cm. Find the length of the wire used to form the triangle.

Ans: _____ [3]

12. A rectangular piece of paper ABCD was folded along line AE to form the shape below. The shaded area ABCEF is 27 cm^2. Find the area of the rectangular piece of paper ABCD when unfolded.



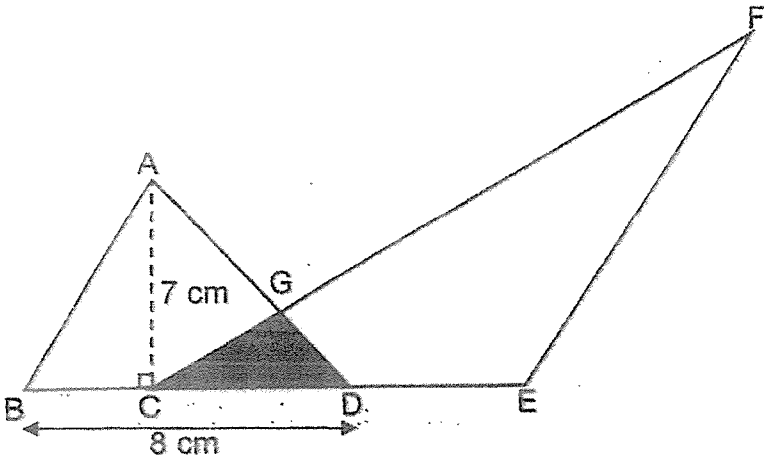
Ans: _____ [3]

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13. The figure below is made up of two triangles ADB and CFE overlapping each other. BE is a straight line, AC = 7 cm and BD = 8 cm. The ratio of the area of triangle ADB to the area of triangle CFE is 1 : 3. The area of the shaded triangle CGD is 25 cm^2.

Do not write in this space

a) Find the area of triangle ADB.
b) Find the area of figure GFED.



Ans: a) _____ [2]

b) _____ [2]

END OF PAPER

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Catholic High School (Primary)
Primary 5 Mathematics 2021
Weighted Assessment 3

NAME : _____ ( ) DATE : _____

CLASS : _____

PARENT'S SIGNATURE : _____

30

Section A

Questions 1 to 4 carry 2 marks each. For each question, four options are given. Make your choice (1, 2, 3 or 4) and write your choice in the bracket provided. All diagrams are not drawn to scale. (8 marks)

---

1. Find the value of 81 ÷ 300.

(1) 0.27

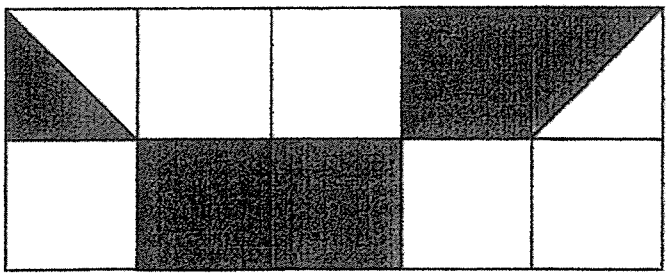
(2) 2.43

(3) 2.7

(4) 24.3 ( )

---

2. The figure below is made up of 10 identical squares. What percentage of the figure is unshaded?



(1) 40%

(2) 50%

(3) 60%

(4) 70% ( )

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3. At a soccer game, there were 600 spectators. 46% of the spectators were children while the rest were adults. How many adults were there at the soccer game?

(1) 276

(2) 324

(3) 384

(4) 554 ( )

---

4. The average of 5 numbers is 34. One of the number is 10. What is the average of the other 4 numbers?

(1) 24

(2) 32

(3) 40

(4) 160 ( )

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Section B

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Questions **5** to **10** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale.

(12 marks)

5. A rope of length 6.3 m was cut into two pieces. The longer piece was twice as long as the shorter piece. What was the length of the longer piece?

Ans: _____ m

6. A van can travel at 81 km on 9 ℓ of petrol. At this rate, how many kilometres can the van travel with 5 ℓ of petrol?

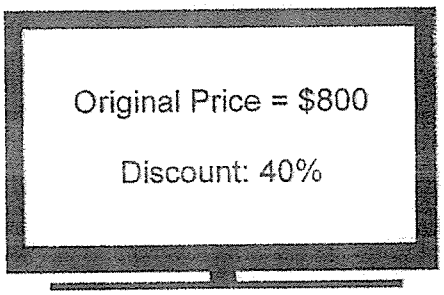
Ans: _____ km

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7. What was the price of the television after discount?

Do not write in this space



Ans: $ _____

8. The price of a refrigerator before GST was $1500. What was the price of the refrigerator including 7% GST?

Ans: $ _____

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9. The table below shows the number of comic books owned by four boys.

Do not write in this space

Name of the boys	Number of comic books owned
Ibrahim	10
Daniel	9
Gary	0
Jayden	5

What was the average number of comic books owned by each boy?

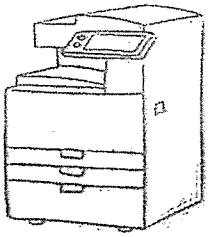
Ans: _____ .

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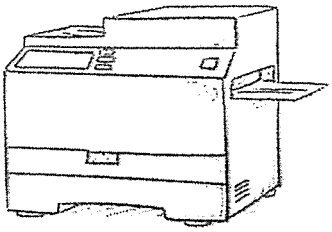
10. The rate of printing by two machines, X and Y is as shown below.

Do not write in this space

Machine X prints
2 pages every second



Machine Y prints
7 pages every 5 seconds



Each of the statements below is either true, false or not possible to tell from the information given. For each statement, put a (✓) to indicate your answer.

Statement	True	False	Not possible to tell
Machine Y prints faster than Machine X.			
In 10 seconds, both Machine X and Machine Y print 34 pages altogether.			

(Go on to the next page)

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Section C

Do not write in this space

For questions 11 to 13, show your working clearly in the space provided for each question 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 (10 marks)

11. Mdm Rozita had some stamps from Australia, Brunei and China. 30% of the stamps were from Australia, 50% of the stamps were from Brunei and the rest were from China. There were 10 fewer Australia stamps than Brunei stamps.

a) What percentage of the stamps were from China?

b) How many Brunei and China stamps were there altogether?

Ans: (a)_____ [1]

(b)_____ [2]

12. Container A contained 8800 ml of water. Container B contained 11.8 ℓ of water. When an equal amount of water was removed from each container, the water in container B was three times of that in container A. How much water was removed from each container? Leave your answer in litres.

Ans:_____ [3]

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13. At a bakery, Scott paid $14.60 for a brownie and 5 fruit tarts. Bruce paid $34.60 for a brownie and 15 fruit tarts. Natasha bought 3 brownies. How much did she pay?

Do not write in this space

Ans:_____ [4]

END OF PAPER

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ANSWER KEY

YEAR : 2021
LEVEL : Primary 5
SCHOOL : Catholic High School
SUBJECT : MATHEMATICS
TERM : Weighted Assessment 1

Weighted Assessment 1

Q1	4	Q2	3	Q3	2	Q4	1

BOOKLET B (PAPER 1)

Q5	0.78	Q6	360
Q7	43	Q8	$\frac{1}{8}$
Q9	110	Q10	False True
Q11	$35	Q12	240
Q13	(a) ~~84~~ 14 (b) $70		

Worked Solutions & eMCQ available at www.sgtestpaper.com

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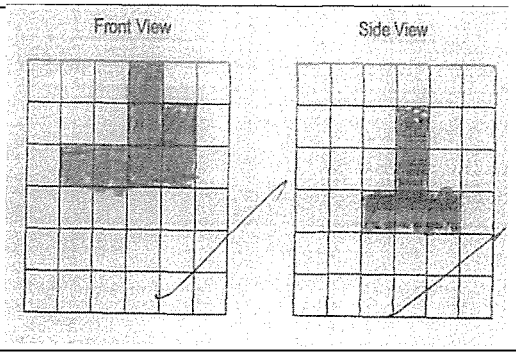
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ANSWER KEY

YEAR : 2021
LEVEL : Primary 5
SCHOOL : Catholic High School
SUBJECT : MATHEMATICS
TERM : Weighted Assessment

Weighted Assessment 2

Q1	2	Q2	4	Q3	3	Q4	1

Q5	35:6	Q6	54
Q7	4	Q8	False True
Q9		Q10	64
Q11	119cm	Q12	~~36cm²~~ 45 cm²
Q13	(a) 28cm² (b) 59cm²		

Weighted Assessment 3

Q1	1	Q2	3	Q3	2	Q4	3

Q5	4.2	Q6	45
Q7	480	Q8	1605
Q9	6	Q10	False True
Q11	(a) 20% (b) 35	Q12	7.3ℓ
Q13	$13.80		

END

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