Test:	Primary 5 Maths (Term 4) - Catholic High (2	020)	
Points:	97 points		
Name:		Score:	
Date:			
Signature:			
Select multip	ole choice answers with a cross or tick:		
Only sele	ect one answer		
Can sele	ot multiple answers		
Question	1 of 53	Primary 5 Maths (Term 4)	1 pt
Which digit i	n 53.42 is in the tenths place?		
A) 5			
B) 2			
C) 3			
D) 4			
Question	2 of 53	Primary 5 Maths (Term 4)	1 pt
Which one c	of the following is the same as 3920 cm?		
○A) 3 m :	92 cm		
○B) 3 m 5	920 cm		
◯ C) 39 m	n 20 cm		
D) 39 m	1 200 cm		
Question	3 of 53	Primary 5 Maths (Term 4)	1 pt
What is the	value of 6240 / 60?		
A) 104			

- **B**) 140
- **C)** 1004
- **D**) 1040

Question 4 of 53	Primary 5 Maths (Term 4)	1 pt
There are 21 apples, 15 oranges and 12 pears in a box. We apples to the number of oranges to the number of pears? E simplest form.	hat is the ratio of the number Express your answer in its	of
A) 4:5:7		
B) 7:5:4		
C) 12 : 15 : 21		
D) 21 : 15 : 12		
Question 5 of 53	Primary 5 Maths (Term 4)	1 pt
Which of the following numbers is the smallest?		
A) 0.68		
B) 0.86		

- **C)** 0.068
- **D**) 0.086

Question 6 of 53

A solid cuboid of height 9 cm has a square base of side 3 cm. What is its volume?

Primary 5 Maths (Term 4)

1 pt



A) 27 cm³
 B) 36 cm³
 C) 54 cm³
 D) 81 cm³

Question 7 of 53



The figure below is made up of identical squares. What fraction of the figure is shaded?



- **A**) 3/8
- **B**) 1/4
- **C)** 4/11
- **D**) 12/16

Which of the following is equal to $2\frac{6}{7}$?

- **A**) 12/7
- **B**) 19/7
- **C)** 20/7
- **D**) 26/7

Question 10 of 53

Primary 5 Maths (Term 4) 1 pt

In the figure below, WOX and YOZ are straight lines. \angle WOY = 123° and \angle ZOV = 52°. Find \angle VOX.



Walter is 6 years old now. His father is 27 years older than him. In how many years' time will Walter's father be four times as old as Walter?

A) 5
B) 9
C) 3
D) 11

Question 12 of 53

		23	2 7,	<u>3</u> 4	
) A)	<u>Smalles</u>	st	Large	<u>st</u>	
	$\frac{2}{3}$,	$\frac{3}{4}$,	2 7		
) B)	$\frac{2}{3}$,	$\frac{2}{7}$,	$\frac{3}{4}$		
) C)	$\frac{2}{7}$,	<u>3</u> ,	$\frac{2}{3}$		
) D)	$\frac{2}{7}$,	<u>2</u> ,	$\frac{3}{4}$		

Joseph had \$300. He spent 40% of his money and saved the rest. How much did he save?

A) \$60

B) \$120

○C) \$180

D) \$260

Jade bought 8 m of string. She used $\frac{1}{4}$ of it, for some masks and $4\frac{1}{2}$ m for her project. How much string was left?



Question 15 of 53

Primary 5 Maths (Term 4) 2 pts

Which of the following statements are properties of a rhombus?

А	All sides are equal.
В	All angles add up to 180 ^o .
С	Only 1 pair of sides is parallel.
D	Each pair of angles between two parallel sides adds up to 180 ^o .

A) A and B

- B) A and D
- C) B and C
- **D**) B and D

Question 16 of 53

Primary 5 Maths (Term 4) 1 pt

Write two million, three hundred and four thousand and five in numerals.

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Question 17 of 53	Primary 5 Maths (Term 4)	1 pt
Find the value of 36 - 4 x 5 + 7		
Question 18 of 53	Primary 5 Maths (Term 4)	1 pt
Express 8% as a decimal.		
Question 40 of 50		
Question 19 of 53	Primary 5 Maths (Term 4)	1 pt

Figure A and B are made up of 1-cm cubes.



How many 1-cm cubes must be added to Figure A to form Figure B?

Question	20	of	53
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Cindy had $\frac{5}{8}$ kg of sugar. She used $\frac{1}{3}$ kg of sugar to bake some tarts. How much sugar was used to bake the tarts?

Question 21 of 53

Primary 5 Maths (Term 4) 2 pts

Henry spent $\frac{4}{9}$ of his money on books. He had \$64 left. How much money did he have at first?

Question 22 of 53

Primary 5 Maths (Term 4) 2 pts

A ribbon was cut into 2 pieces in the ratio 3 : 7. The difference in length between the 2 pieces was 84 cm. What was the length of the shorter piece of ribbon?

Question 23 of 53Primary 5 Maths (Term 4)2 pts

A rope 9m long is cut into 6 equal pieces. What is the length of each piece? Give your answer as a mixed number in the simplest form.

Question 24 of 53

Primary 5 Maths (Term 4) 2 pts

Mrs Lim bought 300 identical sets of colour pencils at \$1.80 per set. What was the total cost of all the sets of colour pencils?

Question 25 of 53

The following solid is made up of 10 cubes. Draw the top view and the side view of the solid.



This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question 26 of 53

KLMN is a parallelogram. $\angle LQP = 82^{\circ}$. Find $\angle KPQ$.



Question 27 of 53

Primary 5 Maths (Term 4) 2 pts

The price of a bag before GST was \$1100. What was the price of the bag including 7% GST?

Question 28 of 53

Primary 5 Maths (Term 4) 2 pts

Thomas had 16 more stickers than Zack at first. Thomas gave 23 of his stickers to Zack. In the end, Zack had 4 times as many stickers as Thomas. How many stickers did Thomas have in the end?

Question 29 of 53

The figure below is made up of a parallelogram and a triangle. HGK is a straight line. \angle FGK = 130°, \angle GJK = 80° and \angle JKG = 40°, H G G G H K The figure above is not drawn to scale. Each of the statements below is either true, false or not possible to tell from the information given.

For each statement, put a (1) to indicate your answer.

1. []	Statement: Angle HGF = Angle JGK	Α.	Not possible to tell
2. []	Statement: Angle EFG = Angle EHG	В.	True
		C.	False

Question 30 of 53

In the square grid below, WX and XY form two sides of Trapezium WXYZ.

Measure Angle WXY.

+	w			X	-	_
				\uparrow		
_		Y			Y	
-	+	\uparrow	+		1-	+
		I	é —			
+	_			-	-	_
+				-	-	

Question 31 of 53

In the square grid below, WX and XY form two sides of Trapezium WXYZ.

Complete the drawing of Trapezium WXYZ, where WZ is twice that of XY and WZ is parallel to XY.

v	v			×		_
	$\left \right\rangle$		-	\mathbb{N}	-	
		\setminus			Y 	_
		\rightarrow	- -	+-	-	
		-fe	*			

This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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Question 32 of 53

In the figure below, all the lines meet at Point O. $\angle AOC = 245^{\circ}$. Find $\angle BOC$.



Question 33 of 53

Primary 5 Maths (Term 4) 2 pts

James had \$93 500 in his bank account. The bank paid 2% interest at the end of each year. How much would James have in his bank account at the end of one year?

Pins were used to fix a string onto a board. Each pin was placed 30 cm apart from the next one. One pin was placed at the start point and one at the end point of the string. A total of 15 pins were used. What was the length of the string?



Question	35 of 53
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Primary 5 Maths (Term 4) 2 pts

A rectangular container measuring 78 cm by 20 cm by 30 cm is filled with water to $\frac{2}{3}$ of its height. Find the volume of water needed to fill the container to the brim.



A piece of wire is bent to form 2 small identical equilateral triangles and 2 big identical equilateral triangles as shown in the figure below. There is no wire left over. The length of AC is 28 cm. Find the length of



Question 37 of 53

Primary 5 Maths (Term 4) 3 pts

A rectangular piece of paper shown in Figure 1 has a perimeter of 44 cm. 6 such rectangular pieces of paper are arranged to form the shaded area as shown in Figure 2. Find the shaded area in Figure 2.



Question 38 of 53

Sarah and Tessa had the same number of cupcakes at first. Sarah sold 133 cupcakes and Tessa sold 249 cupcakes. The number of cupcakes Sarah had left was 3 times that of what Tessa had left. How many cupcakes did each of them have at first?

Question 39 of 53

Primary 5 Maths (Term 4) 3 pts

Mrs Lee bought apple tarts, peach tarts, curry buns and butter buns at a shop. The ratio of the number of tarts to the number of buns was 4 : 9. There were twice as many curry buns as butter buns. The ratio of the number of apple tarts to the number of peach tarts was 5 : 7. There were 117 more curry buns than apple tarts. How many tarts and buns did Mrs Lee buy altogether?

Question 40 of 53

Primary 5 Maths (Term 4) 3 pts

John packed 359 cups into large and small boxes. In a large box, he packed 8 cups. In a small box, he packed 5 cups. All the boxes were full and there was no cup left over. He used a total of 58 boxes for packing all the cups. How many large boxes did he use?

Question 41 of 53

Primary 5 Maths (Term 4) 3 pts

Mapy Had \$486 more than RacheLat first. After each girl spent the same amount of money at a shop, Rachel had $\frac{3}{5}$ of her money left while Mary had $\frac{6}{7}$ of her money teft. How much money did they have left altogether?

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Question 42 of 53



Question 43 of 53	Primary 5 Maths (Term 4)	4 pts
Question 43 of 53	Primary 5 Maths (Term 4)	4 p

Tony spent $\frac{1}{4}$ of his money on 8-motebooks and 40 files. The cost of 4 files was the same as the cost of a notebook. He bought more notebooks with $\frac{1}{2}$ of his remaining money. How many gotebooks did Tony buy altogether?

The diagram below shows a square ABCD and a rhombus BEFG. BGD is a straight line. \angle BEF = 76°.



Find Angle BDC.

The diagram below shows a square ABCD and a rhombus BEFG. BGD is a straight line. \angle BEF = 76°.



Find Angle HBF.

Question 46 of 53

At a fruit shop, pears were sold in packets of 3 for \$5 while oranges were sold in packets of 2 for \$3. Malek bought thrice as many pears as oranges. He paid \$221 for the fruits.

How many fruits did he buy altogether?



Question 47 of 53

At a fruit shop, pears were sold in packets of 3 for \$5 while oranges were sold in packets of 2 for \$3. Malek bought thrice as many pears as oranges. He paid \$221 for the fruits.

How much more did he spend on pears than oranges?



Questi	ion 48	of 53
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Primary 5 Maths (Term 4) 1 pt

Scott bought 8 adult tickets to an amusement park. Terry bought 3 adult tickets and 7 child tickets to the amusement park. Scott spent \$43.50 more than Terry. Each child ticket cost \$11.50.

Find the total cost of 7 child tickets.

Question 49 of 53

Primary 5 Maths (Term 4) 3 pts

Scott bought 8 adult tickets to an amusement park. Terry bought 3 adult tickets and 7 child tickets to the amusement park. Scott spent \$43.50 more than Terry. Each child ticket cost \$11.50.

Find the cost of an adult ticket.

Identical triangles and identical squares are used to form a pattern as shown below.



The table shows the number of triangles and squares for the first four figures.

Figure Number	Number of triangles	Number of squares	Total number of triangles and squares
1	4	1	5
2	6	2	8
3	8	3	11
4	10	4	14
5		5	

Complete the table for Figure 5.

[2]

Identical triangles and identical squares are used to form a pattern as shown below.



The table shows the number of triangles and squares for the first four figures.

Figure Number	Number of triangles	Number of squares	Total number of triangles and squares
1	4	1	5
2	6	2	8
3	8	3	11
4	10	4	14
5		5	

A figure in the pattern has 58 squares. What is the total number of triangles and squares in that pattern?

[2]

Question 52 of 53

A shopkeeper drew a bar graph to show the number of water bottles sold in his shop from January to April. However, he had forgotten to write the numbers on the scales.



From January to April, what percentage of the total number of water bottles sold was sold in February?

Question 53 of 53





\$6840 was collected from the sale of water bottles from January to April. THe price of each water bottle sold from January to April was different from the ones sold in May. The shopkeeper sold 38 water bottles in May and collected the same amount of money as he did in April. How much was each water bottle sold in May?