Test:	Primary 5 Maths (Term 4) - ACS	
Points:	84 points	
Name:		Score:
Date:		
Signature:		
Select multiple	e choice answers with a cross or tick:	
Only select	t one answer	
Can selec	multiple answers	

Question 1 of 53

Primary 5 Maths (Term 4) 1 pt

Javier and Vincent shared some stickers in the ratio 5:6. Javier had 30 stickers. How many more stickers did Vincent have than Javier?

A) 6

- **B**) 15
- **C)** 18
- **D**) 75

Question 2 of 53

Primary 5 Maths (Term 4) 1 pt

Express 5.78km in metres

- **A**) 0.578m
- **B)** 57.8m
- **C)** 578m
- **D)** 5780m

Find the area of the shaded triangle.



- **A)** 28 cm2
- **B**) 56 cm2
- **C)** 84 cm2
- **D**) 100 cm2

Arrange the fractions below in decreasing order.

5 6	$, \frac{3}{2}, \frac{5}{2}, 1\frac{1}{3}$
() A)	$\frac{5}{6}$, $1\frac{1}{3}$, $\frac{3}{2}$, $\frac{5}{2}$
() В)	$\frac{5}{6}, \frac{5}{2}, 1\frac{1}{3}, \frac{3}{2}$
○ C)	$1\frac{1}{3}, \frac{5}{2}, \frac{3}{2}, \frac{5}{6}$
O D)	$\frac{5}{2}$, $\frac{3}{2}$, $1\frac{1}{3}$, $\frac{5}{6}$

Find the value of $\frac{4}{5} \times \frac{3}{8}$ in its simplest form.

Quest	ion 6 of 53	Primary 5 Maths (Term 4)	1 pt
() D)	<u>15</u> 32		
() C)	12 40		
○В)	3 10		
() A)	<u>6</u> 20		

Find the value of 16.8÷800

A) 0.021

- **B**) 0.21
- OC) 2.1
- **D**) 21

Question 7 of 53

There was 3.2 L of oil in a container. All the oil was poured into identical bottles, with a capacity of 320 ml each. How many bottles were completely filled up?

A) 1

- **B**) 10
- **C)** 100
- **D**) 1000

Question	8	of	53
----------	---	----	----

Primary 5 Maths (Term 4) 1 pt

In the figure below not drawn to scale, WXYZ is a trapezium. \angle WXY = 56°. Find \angle XYZ.



- **A**) 34
- **B**) 56
- **C**) 62
- **D**) 124

The table below shows the number of pages Ben read from Monday to Friday.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Pages read	125	100	100	150	125

What was the average number of pages Ben read over the five days?

- **A)** 100
- **B)** 120
- OC) 125
- OD) 150

Question 10 of 53Primary 5 Maths (Term 4)1 pt

6% of 2400 is _____

- **A**) 24
- **B**) 144
- OC) 240
- **D**) 1440

Question 11 of 53

Primary 5 Maths (Term 4) 1 pt

Mindy saved \$70 in April. Her father gave her \$2 for every \$5 she saved. How much did Mindy's father give her?

- **A**) \$10
- **B**) \$14
- **C)** \$28
- **D**) \$98

Question 12 of 53

A container has a square base of side 9 cm and height 30 cm. It is $\frac{1}{3}$ filled with water. How much more water is needed to fill the container to half its capacity?



- **A**) 405 cm3
- **B**) 810 cm3
- **C)** 1620 cm3
- **D)** 2430 cm3

+

In the figure below not drawn to scale, AOB and COD are straight lines. Find ∠DOE.



A pipe was cut into three pieces in the ratio of 1:3:6. The longest piece was 42cm long. Find the length of the pipe before it was cut.

A) 21 cm
B) 28 cm
C) 63 cm
D) 70 cm

Question 15 of 53

Denise has twice as much money as Ellie. Fred has 3 times as much money as Denise. If Fred has \$60 more than Ellie, how much money does Ellie have?

A) \$10
B) \$12
C) \$15

D) \$30

Question 16 of 53	Primary 5 Maths (Term 4)	1 pt
-------------------	--------------------------	------

Write six hundred and twenty-eight thousand and fifty-nine in numerals.



The mass of an apple was $\frac{3}{8}$ kg. Express the mass of the apple as a decimal.

Question 20 of 53

Primary 5 Maths (Term 4) 1 pt

A machine produces 15 toys per minute. How long will the machine take to produce 135 such toys?

Question 21 of 53

Primary 5 Maths (Term 4) 2 pts

In a basket, the number of fruit to the number of sandwiches to the number of cakes is 6:4:9. There are 45 cakes. How many more fruits than sandwiches are there?

Question 22 of 53	Primary 5 Maths (Term 4)	2 pts
-------------------	--------------------------	-------

There ratio of the number of men to the number of women in an office at first was 7:8. There were 4 more women than men in the office. 6 men entered the office while 4 women left. What is the ratio of the number of men to the number of women in the office in the end? Express your answer in the simplest form.

Question 23 of 53

Primary 5 Maths (Term 4) 2 pts

Alice and Ben had an equal number of stickers at first. After Alice gave 24 stickers to Ben, Ben had 4 times as many stickers as Alice. How many stickers did Alice have in the end?

The figure below shows a rhombus ABCD not drawn to scale. $\angle ABD = 36^{\circ}$. Find $\angle y$.



Question 25 of 53

Primary 5 Maths (Term 4) 2 pts

A telecommunications company charges the following rates for telephone calls.

Duration	Rates	
First 5 minutes	\$2.50	-
Every additional minute	\$0.60	

Sue made a phone call to her friend and talked for 9 minutes.

How much did she have to pay for the call?

In the figure below not drawn to scale, DE = EG = EF. Find $\angle DFG$.



Question 27 of 53

Primary 5 Maths (Term 4) 2 pts

2 pts

John's average marks for his first 4 tests is 75. How many marks must he obtain for his next test if he wants to get an average of 79 marks for his 5 tests?

Question 28 of 53Primary 5 Maths (Term 4)

Hansel had 60 red, blue and green coloured pencils altogether. $\frac{1}{5}$ of them were red. There were 6 more blue coloured pencils than red coloured pencils. What fraction of Hansel's coloured pencils were green?

In the figure below not drawn to scale, ABC is a right-angled triangle and BCDE is a parallelogram. Given that \angle CDE = 125° and \angle DCA = 85°, find \angle BCA.



In the figure below, not drawn to scale, PQRS is a square piece of paper that is folded at a corner. Given that UV is 7 cm and UV = US, find the shaded area.



The box below measuring 4 cm by 3 cm by 3 cm is filled with some 1-cm cubes. How many more cubes are needed to fill up the box?



Question 32 of 53

11

Primary 5 Maths (Term 4) 2 pts

A car can travel 15km om 1 L of petrol. How many litres of petrol will the car need to travel 448km? Give your answer correct to 2 decimal places.

The figure below shows a triangle on a rectangular piece of paper. Ben cut out a square of side 5 cm. Find the area of the shaded figure below.





\$64 more than the amount he had spent. How much money did Ivan have at first?

7/1

The table below shows the overseas postal rates.

Mass step	Postage
First 100 g	\$2.20
Every additional 10 g	\$0.25

Grace sent a package with a mass of 120 g.

How much postage did Grace pay?

Question 36 of 53

Primary 5 Maths (Term 4) 0 pts

Draw a triangle ABC in which BC = 6 cm, AB = 4 cm and $\angle ABC = 45^{\circ}$.

[3]



Please type "done" to proceed to the next question



(a) How many girls were there in the hall?

Question 38 of 53	Primary 5 Maths (Term 4)	2 pts

b) How many boys wore spectacles?

Question 39 of 53

Primary 5 Maths (Term 4)

2 pts

Henry bought an equal number of books and files for \$108. Each book cost \$4 while each file costs \$3.50 less than a book. a) How many books and files did he buy altogether?

Question 40 of 53

Primary 5 Maths (Term 4) 2 pts

b) How much more money did he spend on the books than on the files?

Container X measures 15 cm by 18 cm by 14 cm. It is filled with water to a depth of 10 cm.

a) Find the volume of water in Container X.



Question 42 of 53

Primary 5 Maths (Term 4) 2 pts

b) The water was the poured into cubical container Y until it was filled to the brim. How much water was left in container X?

Question 43 of 53	Primary 5 Maths (Term 4)	2 pts

Kelly had twice as much money as Lionel. After Kelly gave Lionel some money, each of them had \$600. How much money did Kelly have at first?

900 students went for a school camp. 35% of the students were in Primary 4, $\frac{1}{5}$ of the remainder were in Primary 5 and the rest were in Primary 6.

a) How many Primary 5 students went for the camp?

Question 45 of 53	Primary 5 Maths (Term 4)	2 pts

b) What percentage of the students were in Primary 6?

Question 46 of 53	Primary 5 Maths (Term 4)	2 pts

Penny bought an equal number of cupcakes and lollipops for a party. The cupcakes were bought at 6 for \$12 and the lollipops at 10 for \$5. She paid \$135 more for the cupcakes than for the lollipops. How many cupcakes and lollipops did she buy altogether? Mr and Mrs Tan had a total of \$770. After Mrs Tan spent $\frac{2}{3}$ of her money and Mr Tan spent $\frac{3}{5}$ of his money, they had an equal amount of money left. How much money did Mrs Tan spend?

Question 48 of 53

Primary 5 Maths (Term 4) 2 pts

James and his friends compared their end-of-year Mathematics results. James realised that if he scored 8 marks more, their average marks would be 90. If he scored 8 marks less, their average marks would be 88. How many friends did James have? The figure below shows a square, a rectangle and a triangle. The square has a length of 12 cm while the rectangle has a length and breadth of 10 cm and 5 cm respectively. Find the shaded area.



Question 50 of 53 Primary 5	Maths (Term 4) 2	pts
-----------------------------	------------------	-----

The average monthly salary of Adeline and Brenda is \$1 800.

Brenda's salary is $\frac{1}{3}$ of Adeline's salary.

a) Find Adeline's monthly salary.

b) A group of girls had an average salary of \$1500. After including Adeline in the group, the average salary became \$1575. How many girls were in the group at first?



The patterns below are formed using squares and triangles.

Pattern 1 Pattern 3 Pattern 5 Pattern 7

Using the patterns above, complete the table below.

Pattern	Number of squares	Number of triangles	Total number of squares and triangles
. 1	1	. 4	5
3	3	8	11
5	5	12	17
7	. 7	16	23
12	(a)	(b)	(c)

Question 53 of 53

Primary 5 Maths (Term 4) 2 pts

a) A figure in the pattern has a total number of 149 squares and triangles. What is the pattern number?