Test:	Primary 5 Maths (Term 2) - Nanyang
Points:	51 points
Name:	_____
Date:	_____
Signature:	_____

Score: _____

Select multiple choice answers with a cross or tick:

◯ Only select one answer

☐ Can select multiple answers

Question 1 of 53   Primary 5 Maths (Term 2)   1 pt

Find the value of 8x2(4+2)-4÷2

◯ **A)** 8
◯ **B)** 15
◯ **C)** 22
◯ **D)** 46

Question 2 of 53   Primary 5 Maths (Term 2)   1 pt

Which one of the following numbers has the digit 5 in the thousands place?

◯ **A)** 214 758
◯ **B)** 241 578
◯ **C)** 245 178
◯ **D)** 251 478

Question 3 of 53	Primary 5 Maths (Term 2)	1 pt

Express $\dfrac{5}{8}$ as a decimal.

- A) 0.058
- B) 0.58
- C) 0.625
- D) 0.875

Question 4 of 53	Primary 5 Maths (Term 2)	1 pt

Find the value of 38.9 x 400

- A) 155.6
- B) 1556
- C) 15 560
- D) 155 600

Question 5 of 53	Primary 5 Maths (Term 2)	1 pt

Express 28km 45m in kilometres

- A) 2.845km
- B) 28.045km
- C) 28.450km
- D) 284.5km

Question 6 of 53	Primary 5 Maths (Term 2)	1 pt

Which one of the following is the same as 37 ones and 65 thousandths?

- A) 3.765
- B) 37.065
- C) 37.65
- D) 3765

Question 7 of 53   Primary 5 Maths (Term 2)   1 pt

Express 0.112 as a fraction in the simplest form

○ **A)**
$$\frac{3}{25}$$

○ **B)**
$$\frac{12}{100}$$

○ **C)**
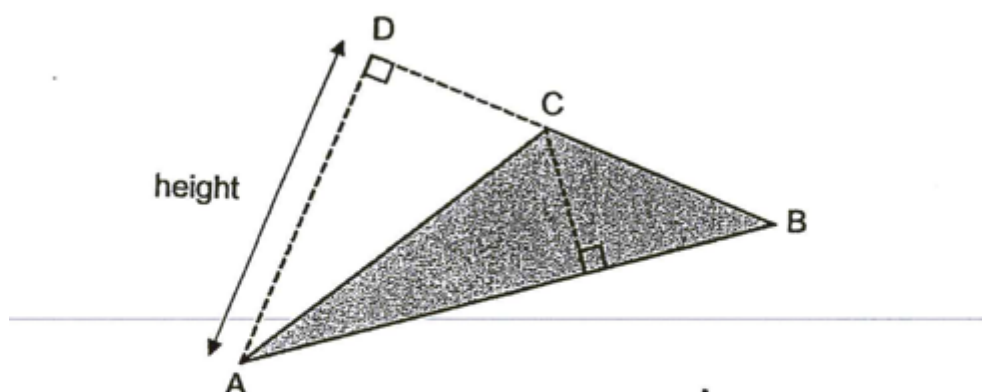$$\frac{14}{125}$$

○ **D)**
$$\frac{112}{1000}$$

Question 8 of 53   Primary 5 Maths (Term 2)   1 pt

In the figure below, ABC, ABD and ACD are triangles.

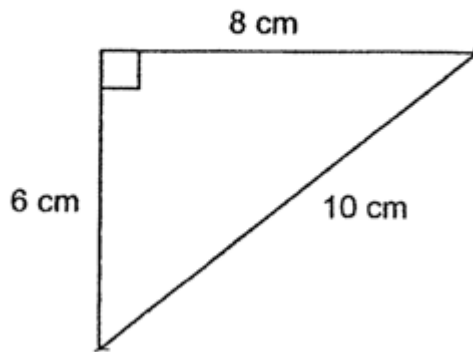Given that AD is the height of triangle ABC, what is its base?

○ **A)**   AB
○ **B)**   BC
○ **C)**   BD
○ **D)**   AC

Question 9 of 53   Primary 5 Maths (Term 2)   1 pt

Find the area of the triangle below.

- A)   24 cm2
- B)   30 cm2
- C)   40 cm2
- D)   48 cm2

Question 10 of 53   Primary 5 Maths (Term 2)   1 pt

Express 6 litres in cm3

- A)   6
- B)   60
- C)   600
- D)   6000

Question 11 of 53   Primary 5 Maths (Term 2)   1 pt

Four children shared a packet of sweets. After each of them received 15 sweets, there were 5 sweets left. What was the total number of sweets in the packet?

- A)   35
- B)   50
- C)   60
- D)   65

Question 12 of 53   Primary 5 Maths (Term 2)   1 pt

Devi wants to pack 205 050 paper clips into some boxes. Each box can hold 100 paper clips. What is the smallest number of boxes she needs to hold all her paper clips?

A) 25
B) 26
C) 2050
D) 2051

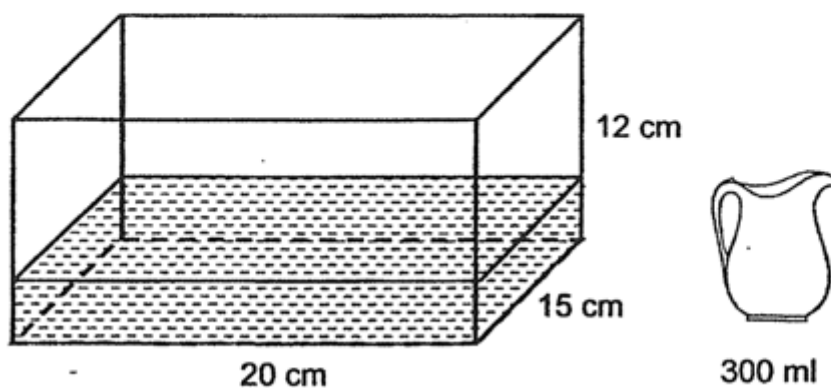**Question 13 of 53**   Primary 5 Maths (Term 2)   1 pt

The mass of package A was 18.9kg. Package A was 3.75 kg heavier than package B. Package C was 2.3 kg heavier than package B. What was the mass of package C?

A) 12.85kg
B) 15.15kg
C) 17.45kg
D) 20.35kg

Question 14 of 53   Primary 5 Maths (Term 2)   1 pt

A rectangular tank measuring 20 cm by 15 cm by 12 cm is partially filled with water to a height of 2 cm.   What is the smallest number of flasks of water that has to be added to fill the tank completely, given that each flask can hold 300 ml of water?

A) 10
B) 2
C) 3
D) 12

Question 15 of 53   Primary 5 Maths (Term 2)   1 pt

Mrs Lee had a total of 369 red and blue buttons. $\dfrac{7}{9}$ of the buttons were red.   How many more red buttons than blue buttons did she have?

- A)   41
- B)   82
- C)   205
- D)   287

Question 16 of 53   Primary 5 Maths (Term 2)   1 pt

Write seven hundred and forty two thousand and two in numerals

Question 17 of 53   Primary 5 Maths (Term 2)   1 pt

Find the value of 45-15÷5+30x2

Question 18 of 53   Primary 5 Maths (Term 2)   1 pt

Yvette spent $\dfrac{1}{5}$ of her money on transport and $\dfrac{5}{8}$ of the remaining money on food.   What fraction of her money did she spend on food? Give your answer in the simplest form.
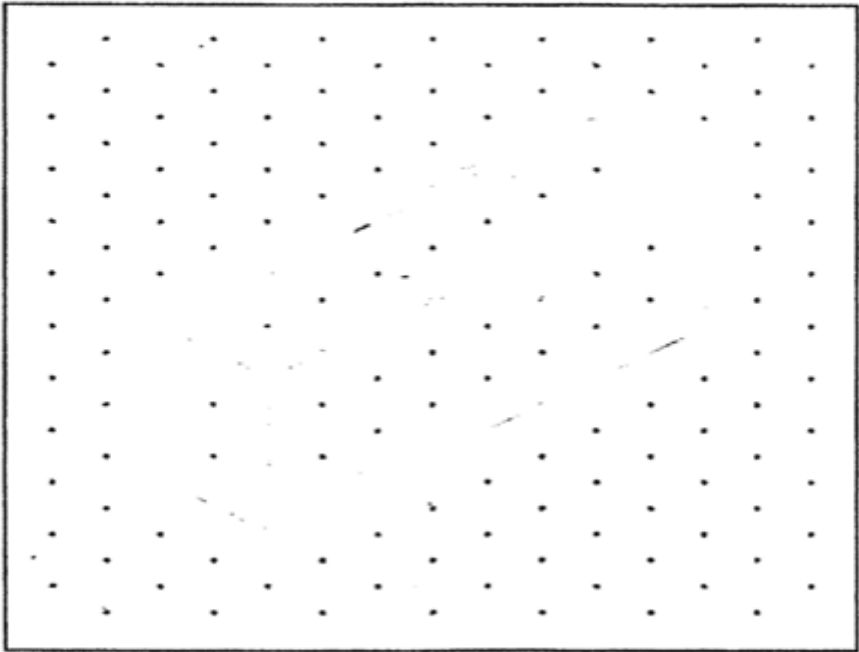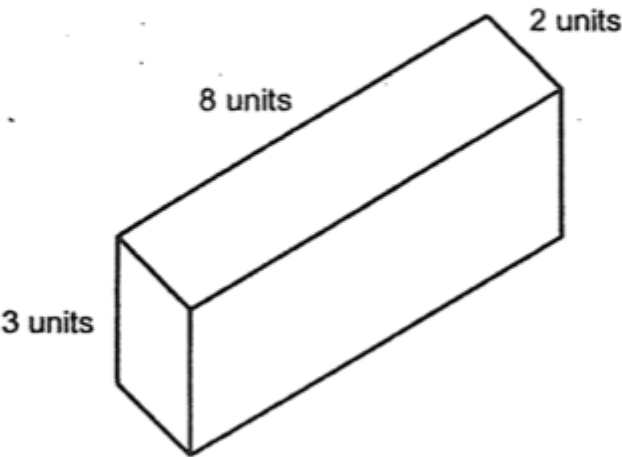
Question 19 of 53

Primary 5 Maths (Term 2)   1 pt

Even paid $4.80 for 4 oranges and $6.90 for 3 apples. How much would 8 such oranges and 6 such apples cost altogether?

Draw the solid shown below on the given isometric grid.

Question 21 of 53

Primary 5 Maths (Term 2)   1 pt

The length of a rope was 9m long. It was cut into 12 equal pieces. What was the length of each piece of rope after it was cut? Give your answer as a fraction in the simplest form.

Question 22 of 53

Primary 5 Maths (Term 2)   1 pt

Anderson watched a movie that lasted 1h 44min. The movie ended at 21 30. At what time did the movie start? Give your answer in the 24 hours clock format

Question 23 of 53

Primary 5 Maths (Term 2)   1 pt

What is the missing number?

970 870 = 900 000 + 70 x ___ + 800 + 70

Question 24 of 53

Primary 5 Maths (Term 2)   1 pt

The product of two numbers is 2508. The smaller number is 4. Find the larger number and round it to the nearest hundred.

Question 25 of 53
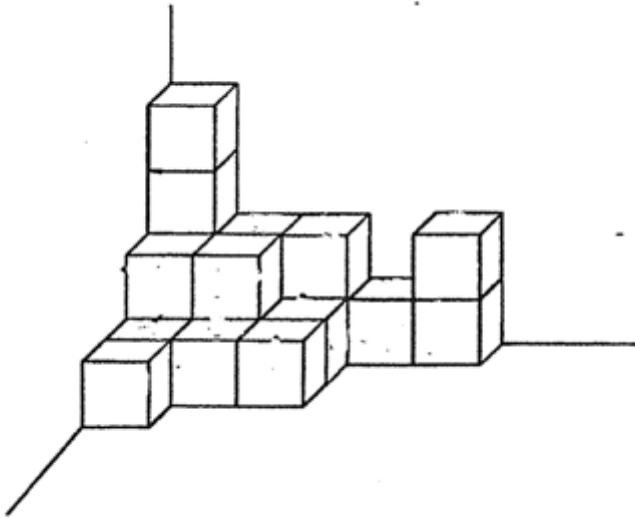
Primary 5 Maths (Term 2)   1 pt

The mass of an empty box was 0.32kg. Its mass was 40 times as heavy as the mass of one marble. What was the total mass of the empty box and 10 such marbles?
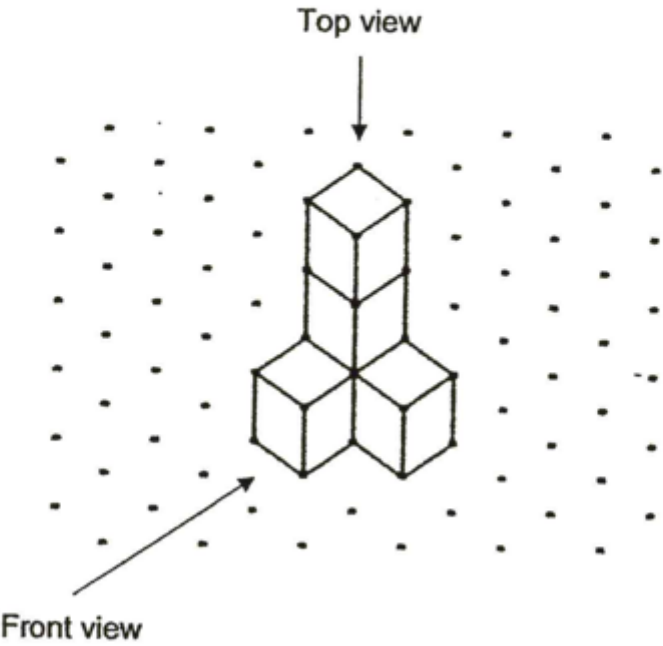
The solid below is built using unit cubes.

How many unit cubes are used to build the solid?

The solid below is built with unit cubes.

Draw the top view and front view of the solid on the square grids provided below.

Question 28 of 53   Primary 5 Maths (Term 2)   1 pt

There are 7 L 9 ml of water in container A. Container B has twice as much water as container A. Find the total amount of water in both containers.
Give your answer in litres

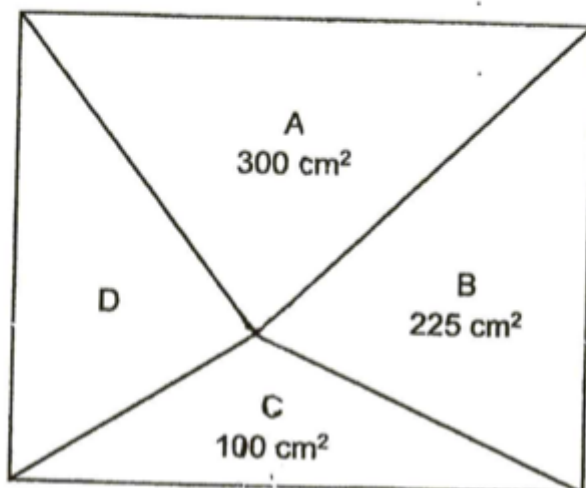**Question 29 of 53**   Primary 5 Maths (Term 2)   1 pt

Alice bought a blouse and a dress. The dress cost 6 times as much as the blouse. The dress cost $153. She gave the cashier $200. How much change did she receive?

Question 30 of 53   Primary 5 Maths (Term 2)   1 pt

In the figure below, the rectangle is divided into 4 triangles.   The areas of triangles A, B and C are 300 cm², 225 cm² and 100 cm² respectively. Find the area of triangle D.

Question 31 of 53   Primary 5 Maths (Term 2)   1 pt

A jug contained 3 litres of water.   Mary drank $\frac{2}{5}$ of it.   How much water was left in the jug?

Question 32 of 53   Primary 5 Maths (Term 2)   1 pt

Sandra had $5\frac{4}{5}$ m of cloth.   She gave $2\frac{7}{10}$ m of cloth to her sister.   She then bought $3\frac{3}{4}$ m of cloth.   How many metres of cloth did she have in the end?   Give your answer as a mixed number in the simplest form.

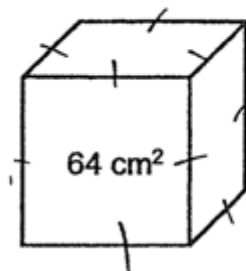**Question 33 of 53**   Primary 5 Maths (Term 2)   1 pt

The figure below is made up of triangle PQR and triangle PRS. QTRS is a straight line.   PT = 28 cm, PS = 58 cm, QR = 60 cm and RS = 25 cm.   Find the area of triangle PQS.
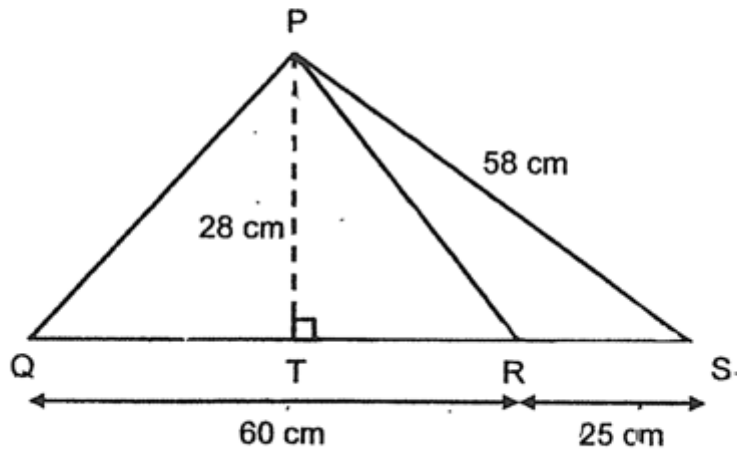
Question 34 of 53   Primary 5 Maths (Term 2)   1 pt

The area of each face of the cube below is 64 cm².
What is the volume of the cube?

Question 35 of 53 Primary 5 Maths (Term 2) 1 pt

There are thrice as many red markers as blue markers. Each red marbles cost $4. Each blue marker cost $2.50. The red markers cost $38 more than the blue markers. How many blue markers are there?

Question 36 of 53 Primary 5 Maths (Term 2) 1 pt

The length of each side of a square is $\dfrac{9}{5}$ m. What is the total area of 5 such squares? Give your answer as a mixed number in the simplest form.

Question 37 of 53 Primary 5 Maths (Term 2) 1 pt

Matthew spent $1\dfrac{3}{5}$ h to complete his Mathematics homework. The amount of time he spent on completing his Chinese homework was twice the amount of time he spent on completing his Mathematics homework. How much time did he take to complete both his Mathematics and Chinese homework?

Question 38 of 53 Primary 5 Maths (Term 2) 1 pt

En Xi bought an equal number of red and white pieces of ribbons. She bought a total of 252m of ribbons. Each piece of red ribbon was 15.5m long. Each piece of white ribbon was 3m shorter than each piece of red ribbon. How many pieces of red and white ribbons did she buy in all?

Question 39 of 53
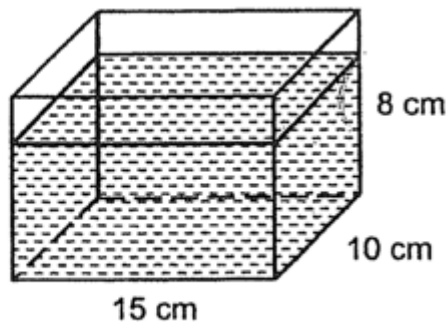
Primary 5 Maths (Term 2)   1 pt

Shania and John had some stamps. Shania had 5 times as many stamps as John. After Shania gave 24 stamps to John, north of them had an equal number of stamps. How many stamps did both of them have altogether?

Question 40 of 53

Primary 5 Maths (Term 2)   1 pt

A rectangular tank measuring 15 cm by 10 cm by 8 cm was $\frac{3}{4}$ filled with water as shown below. 378 ml of the water were poured out from the tank. How much water was left in the tank? Give your answer in litres.
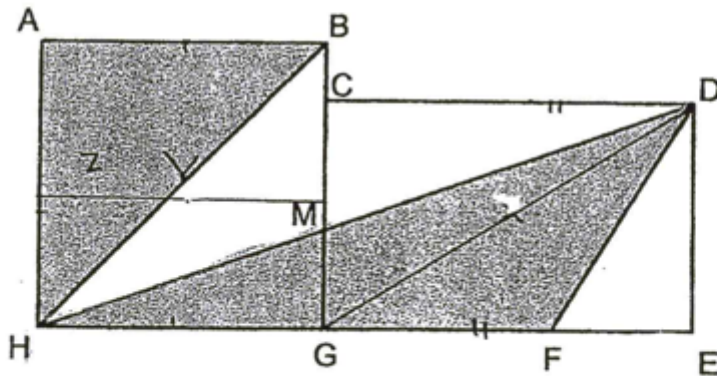
Question 41 of 53   Primary 5 Maths (Term 2)   1 pt

The figure below is made up of square ABGH and rectangle CDEG.
Each side of square ABGH is 8 cm.   BC = 1 cm, CD = 10 cm and
FE = 4 cm.   HMD and HGFE are straight lines.   Find the total area of
the shaded parts.

Question 42 of 53   Primary 5 Maths (Term 2)   1 pt

A baker packed 407 muffins into boxes of 12 muffins with some left over. He sold each box
of 12 muffins for $15 and the remaining muffins at $1.50 each.

a) How many boxes of 12 muffins did he pack at most?

Question 43 of 53   Primary 5 Maths (Term 2)   1 pt

b) What was the smallest amount of money that he collected altogether from the sale of all
the muffins?

Question 44 of 53   Primary 5 Maths (Term 2)   1 pt

The Jubilee Performing Arts Group held a musical at a concert hall.
The prices for the tickets are shown below.

JUBILEE PERFORMING ARTS GROUP Musical by Moonlight	
Ticket	Price Per Ticket
Type A	$12
Type B	$5
Type C	$2

711 tickets were sold and a total of $5715 was collected from the sale of tickets. $1155 was collected from the sale of Type B tickets.

(a)   How many Type B tickets were sold?

Question 45 of 53   Primary 5 Maths (Term 2)   1 pt

b) How many more type A tickets than type C tickers were sold?

Question 46 of 53   Primary 5 Maths (Term 2)   1 pt

En Hui and Zavier had 480 soccer cards altogether.   Zavier gave $\frac{1}{5}$ of his cards to En Hui.   After receiving the cards from Zavier, En Hui then gave $\frac{1}{3}$ of the total number of cards she had to Zavier.   Both of them had the same number of cards in the end.

(a)   How many cards did Zavier have at first?

Question 47 of 53
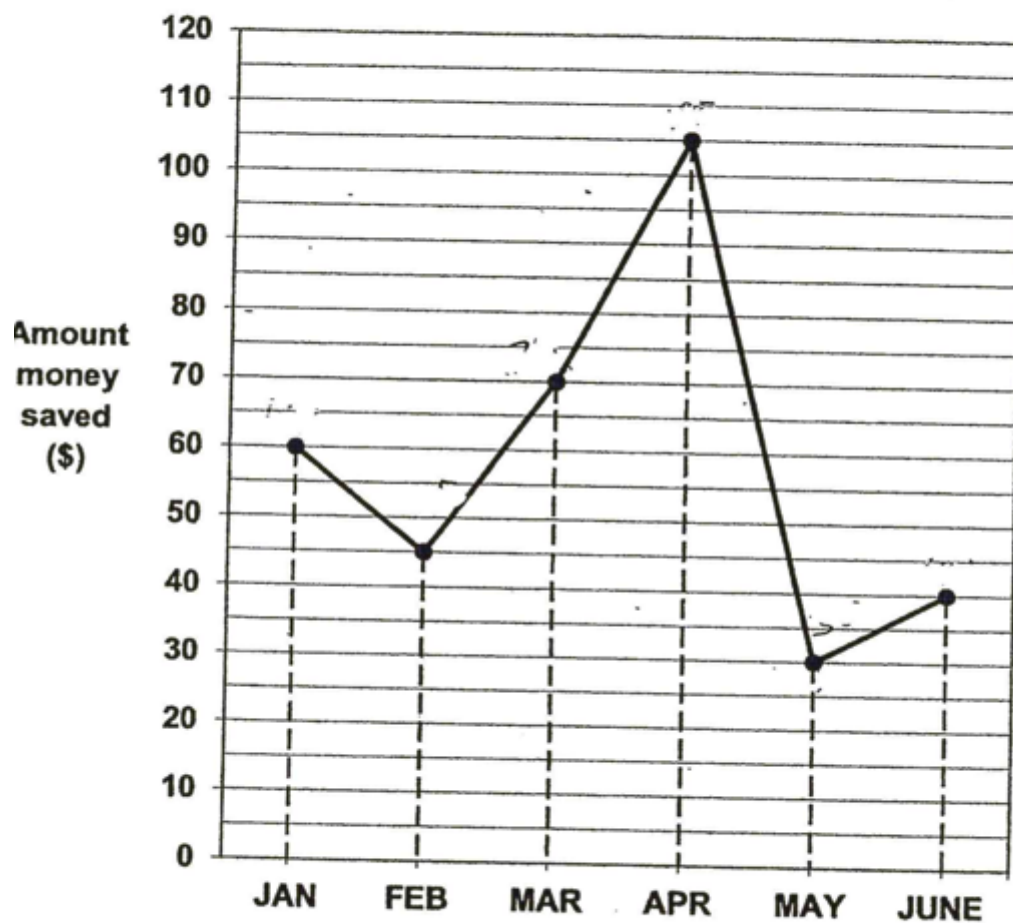
Primary 5 Maths (Term 2)　　1 pt

b) How many cards did En Hui have at first?

Question 48 of 53

Primary 5 Maths (Term 2)　　1 pt

Jia Heng received $200 each month for his pocket money. The line graph below shows the amount of pocket money he saved each month from January to June.

(a) In April, Jia Heng only spent on transport and on food. He spent $71.85 on transport. How much money did he spend on food in April?

Question 49 of 53	Primary 5 Maths (Term 2)	1 pt

b) How much money did Jia Heng save in total over the 6 months from January to June?

Question 50 of 53	Primary 5 Maths (Term 2)	1 pt

Ravi had some twenty-cent coins and some fifty-cent coins. The number of twenty cent. coins was 4 times as many as the number of city cent coins. He exchanged 100 twenty cent coins for fifty cent coins of the same value. He then had 38 more fifty cent coins than twenty cent coins.

a) How many more twenty cent coins than fifty cent coins did Ravi have at first?

Question 51 of 53	Primary 5 Maths (Term 2)	1 pt

b) How much money did Ravi have?

Question 52 of 53	Primary 5 Maths (Term 2)	1 pt

Ahmad had a sum of money at first.   He spent $\frac{1}{3}$ of his money on 12 cupcakes and $\frac{3}{8}$ of his remaining money on 8 muffins.   He was then left with $18.

(a) How much did each muffin cost?

Question 53 of 53   Primary 5 Maths (Term 2)   1 pt

b) How much did he have at first?