Test: Primary 5 Maths (Term 2) - Catholic High (2018)

Points: 98 points

Name: _____   **Score:** _____

Date: _____

Signature: _____

Select multiple choice answers with a cross or tick:

○ Only select one answer

☐ Can select multiple answers

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

In 12 456, what does the digit '4' stands for?

○ **A)** 40
○ **B)** 400
○ **C)** 4000
○ **D)** 4

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

What is the missing number in the blank below?

9 145 000 = 9 000 000 + _____ + 5000

○ **A)** 140
○ **B)** 1400
○ **C)** 14 000
○ **D)** 140 000

Question 3 of 50	Primary 5 Maths (Term 2)	1 pt

Find the product of 170 and 20.

○ **A)** 340
○ **B)** 3400
○ **C)** 34 000
○ **D)** 340 000

Question 4 of 50   Primary 5 Maths (Term 2)   1 pt

There are 36 pupils in a class. 27 of the pupils are girls and the rest are boys. What is the ratio of the number of boys to the number of girls?

A) 1 : 3

B) 1 : 4

C) 3 : 1

D) 3 : 4

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

Find the value of $\dfrac{5}{7} - \dfrac{2}{3}$.
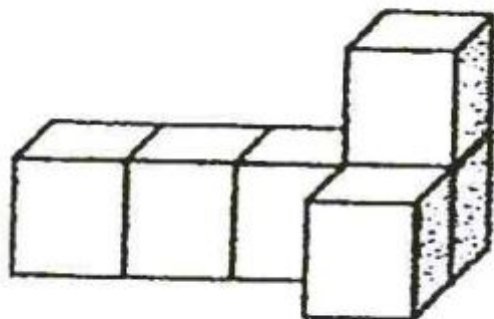
A) 1/21

B) 3/7

C) 7/10

D) 3/4

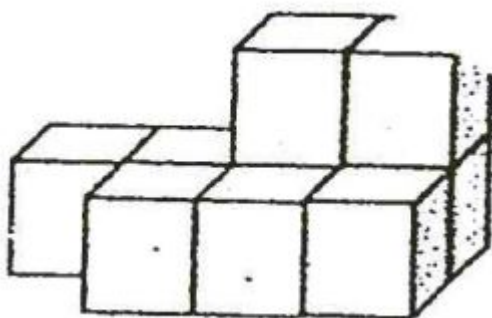## Question 6 of 50

Primary 5 Maths (Term 2)   1 pt
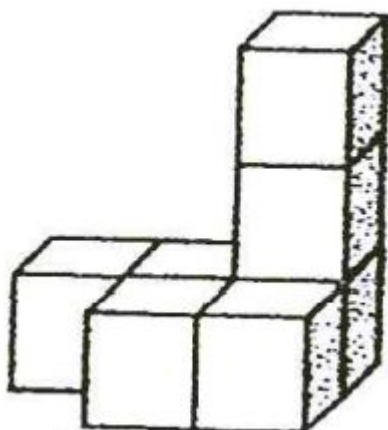
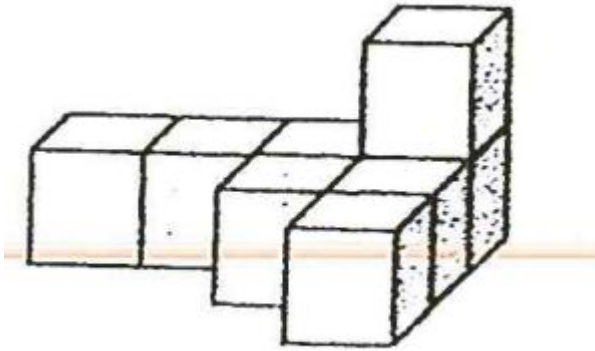Which of the following solids has the greatest volume?

A)

B)

C)

D)

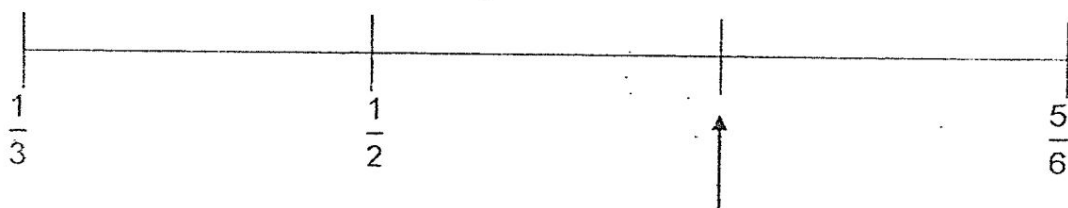| **Question 7 of 50**	Primary 5 Maths (Term 2)	1 pt

Find the value of $\dfrac{1}{8} \times 4$.

○ **A)** 1/12
○ **B)** 3/8
○ **C)** 1/2
○ **D)** 5/8

Question 8 of 50	Primary 5 Maths (Term 2)	1 pt

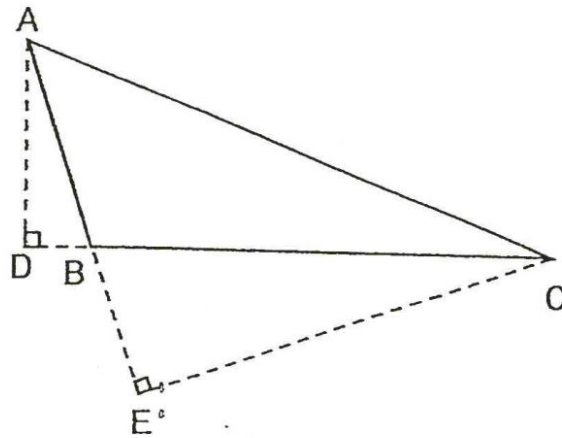In the number line below, the fractions are placed at equal intervals. What is the fraction indicated by the arrow?

○ **A)** 1/6
○ **B)** 2/5
○ **C)** 1/4
○ **D)** 2/3

Question 9 of 50   Primary 5 Maths (Term 2)   1 pt

In the figure below, ABC is a triangle. Given that EC is the height, what is the base of triangle ABC?

- **A)** AB
- **B)** AC
- **C)** AD
- **D)** AE

Question 10 of 50   Primary 5 Maths (Term 2)   1 pt

5 m of string was used to tie 6 parcels. An equal length was used to tie each parcel. Find the length of string used for each parcel.

- **A)** 1/6 m
- **B)** 1/5 m
- **C)** 5/6 m
- **D)** 6/5 m

Question 11 of 50   Primary 5 Maths (Term 2)   2 pts

What is the missing number in the blank below?

4 : 6 = _____ : 9

- **A)** 5
- **B)** 7
- **C)** 3
- **D)** 6

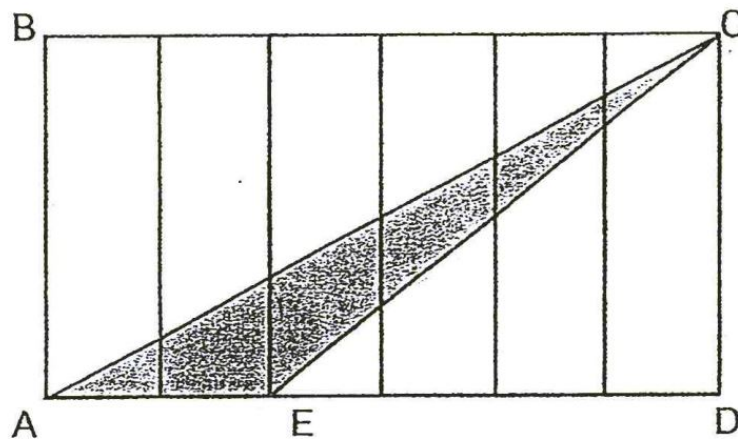**Question 12 of 50**   Primary 5 Maths (Term 2)   2 pts

John and Peter shared some marbles in the ratio of 7 : 5. John had 24 more marbles than Peter. How many marbles did Peter have?

A) 12

B) 60

C) 84

D) 144

Question 13 of 50   Primary 5 Maths (Term 2)   2 pts

The figure ABCD is made up of 6 identical rectangles. ACE is a triangle. What fraction of the figure ABCD is shaded?

A) 1/12

B) 1/6

C) 1/2

D) 1/3

Question 14 of 50   Primary 5 Maths (Term 2)   2 pts

A bottle of 20 sweets weighs 1000 g. The same bottle with 30 sweets weighs 1400 g. Each sweet has the same mass. What is the mass of each sweet?

A) 40 g

B) 50 g

C) 200 g

D) 400 g

Question 15 of 50	Primary 5 Maths (Term 2)	2 pts

In a library, $\frac{1}{4}$ of the number of fiction books is equal to $\frac{2}{3}$ of the number of non-fiction books. What is the ratio of the number of fiction books to the number of non-fiction books?

- A) 1 : 2
- B) 4 : 3
- C) 8 : 3
- D) 3 : 8

Question 16 of 50	Primary 5 Maths (Term 2)	1 pt

Write five hundred and fifty thousand and twelve in figures.

Question 17 of 50	Primary 5 Maths (Term 2)	1 pt

What is the volume of a cube of edge 5 cm?

Question 18 of 50	Primary 5 Maths (Term 2)	1 pt

There are 30 apples, 12 bananas and 15 oranges in a box. What is the ratio of the number of apples to the number of bananas to the number of oranges? Leave your answer in the simplest form.

Question 19 of 50	Primary 5 Maths (Term 2)	1 pt

Express 7 ℓ 20 mℓ in cm³.

Question 20 of 50	Primary 5 Maths (Term 2)	1 pt

Mary had $\frac{2}{7}$ m of cloth. She used $\frac{3}{4}$ of it to make a dress. How much cloth did she use to make the dress?

Question 21 of 50	Primary 5 Maths (Term 2)	2 pts

What is the value of 51 - 49 / 7 + 6?

Question 22 of 50	Primary 5 Maths (Term 2)	2 pts

Mrs Lee bought some fruits. $\frac{3}{5}$ of them were pears and the remaining fruits were apples. $\frac{1}{4}$ of the apples were green. What fraction of the fruits were green apples?
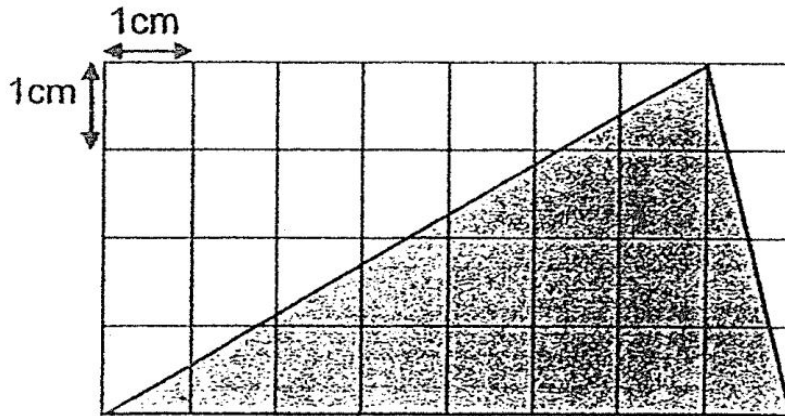
Question 23 of 50	Primary 5 Maths (Term 2)	2 pts

When Jamie feeds her fish 11 pellets a day, a can of pellets will last 18 days. If all the cans of pellets have the same amount of pellets, how many days will the same can of pellets last when she feeds her fish 9 pellets a day?

Question 24 of 50   Primary 5 Maths (Term 2)   2 pts

In the square grid below, find the area of the shaded triangle.

1cm

1cm

Question 25 of 50   Primary 5 Maths (Term 2)   2 pts

Phyllis had a total of 20 rulers and pencils. She decided to exchange every 1 ruler for 2 pencils. She had a total 32 pencils after the exchange. How many rulers did she have at first?

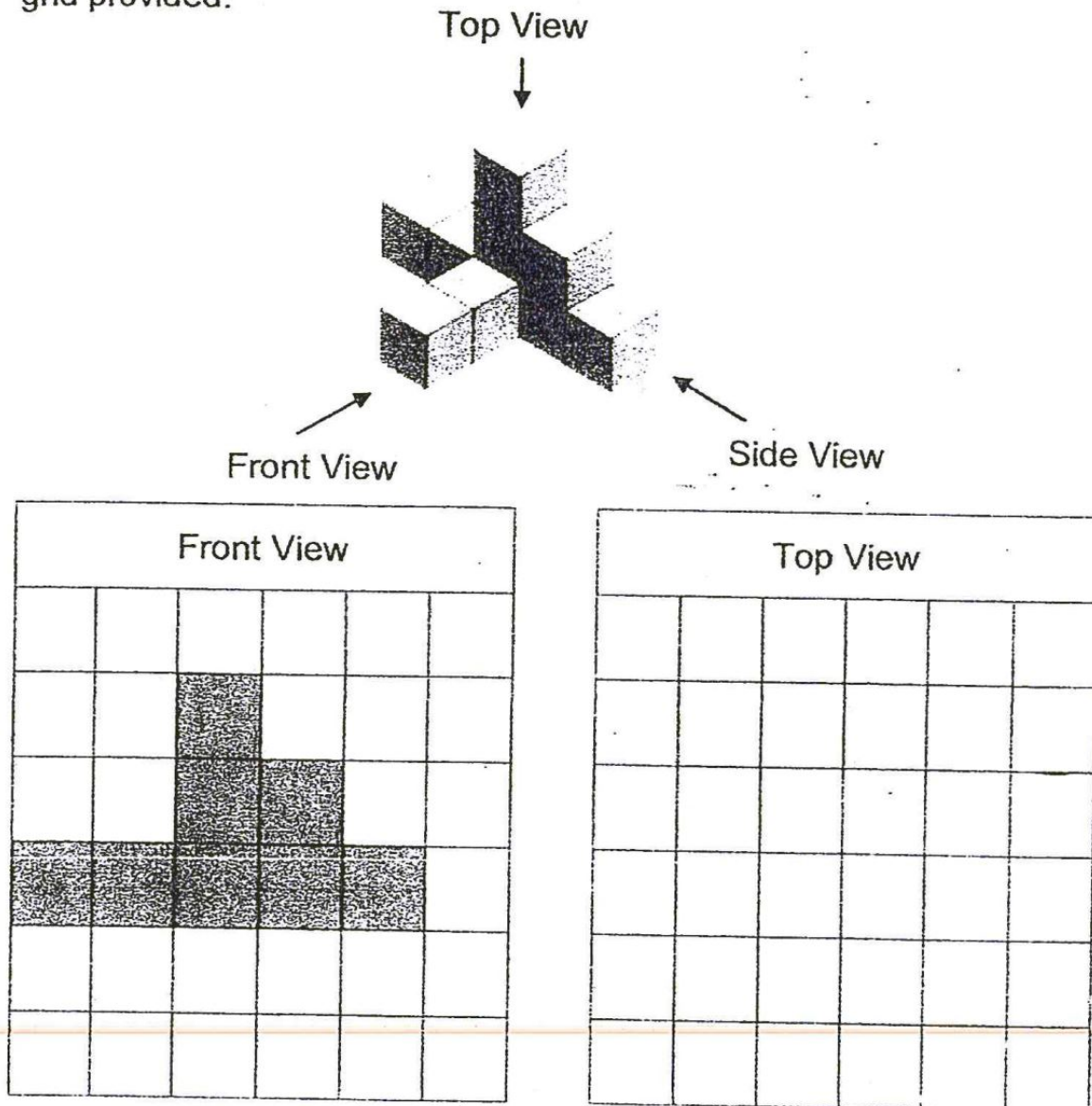**Question 26 of 50**   Primary 5 Maths (Term 2)   2 pts

Janice is 4 times as heavy as Kevin. The total mass of Janice and Kevin is 65 kg. How heavy is Kevin?

The following solid is made up of 10 cubes. Its front view has been drawn as shown below. Draw the top view of the solid on the square grid provided.

Top View
↓

Front View　　　　　　　　　　　　　　Side View

Front View

Top View

(2 marks)

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.
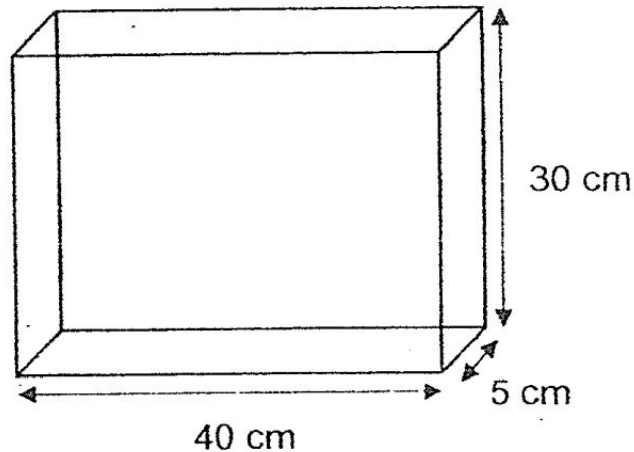
Question 28 of 50 Primary 5 Maths (Term 2) 2 pts

13 boys decided to fold an equal number of origami cranes each. 1 boy fell sick and the rest had to fold 2 more origami cranes each. How many origami cranes were folded altogether?

Question 29 of 50 Primary 5 Maths (Term 2) 2 pts

An empty rectangular container measures 40 cm by 5 cm by 30 cm.

30 cm

5 cm

40 cm

How much water must be poured into the tank so that the tank will be half-filled with water?

Question 30 of 50 Primary 5 Maths (Term 2) 2 pts

At a carnival, there are some adults and children. $\frac{2}{5}$ of the people are adults and $\frac{1}{5}$ of the people are boys.

1. [ ]	There are more adults than children.	A.	False
2. [ ]	There are more men than boys.	B.	True
		C.	Not possible to tell

Question 31 of 50   Primary 5 Maths (Term 2)   2 pts

Adam bought $4\frac{1}{2}$ kg of durians at $18 per kilogram. How much did he pay for the durians?

Question 32 of 50   Primary 5 Maths (Term 2)   2 pts

Geraldine had 8 m of ribbon. She gave $3\frac{2}{5}$ m of it to Ansel and the rest to Berry. How much more ribbon did Berry have than Ansel?

Question 33 of 50   Primary 5 Maths (Term 2)   2 pts

Stephen and Rachel had the same amount of money at first. After Stephen spent $120 and Rachel spent $900, Stephen had thrice as much money as Rachel. How much money did Rachel have in the end?

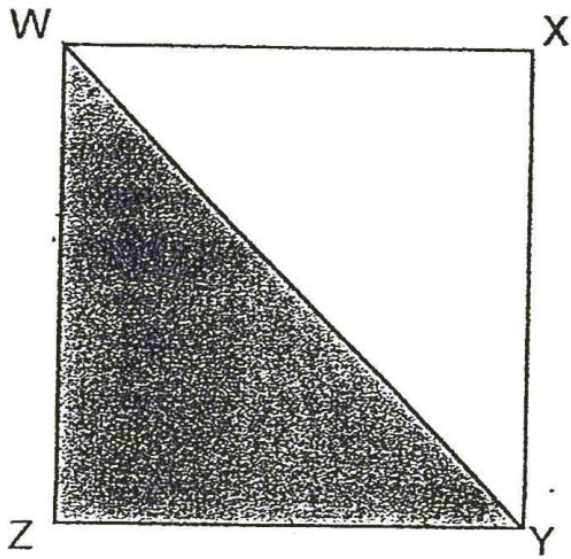**Question 34 of 50**   Primary 5 Maths (Term 2)   2 pts

There were 54 chickens, ducks and rabbits in a farm. $\frac{1}{2}$ of the animals were chickens. $\frac{2}{3}$ of the remaining animals were ducks and the rest were rabbits. How many rabbits were there in the farm?

Question 35 of 50   Primary 5 Maths (Term 2)   2 pts

In the figure below, WXYZ is a square and WYZ is a triangle. The perimeter of WXYZ is 128 cm. Find the area of triangle WYZ.

Question 36 of 50   Primary 5 Maths (Term 2)   3 pts

The number of Singapore stamps to the number of Malaysia stamps to the number of Thailand stamps was 8 : 5 : 2. There were 180 stamps in total. How many more Singapore stamps than Malaysia stamps were there?

Question 37 of 50   Primary 5 Maths (Term 2)   3 pts

Betty had 1565 g of flour. She used 356 g of flour to bake some cakes. She then packed the remaining flour into 6 packets of 108 g each. How many grams of flour were left unpacked?

Question 38 of 50
Primary 5 Maths (Term 2)   3 pts

Adam had 42 more toy cars than Beckham. After Adam gave 118 toy cars to Beckham, Beckham had thrice as many toy cars as Adam. How many toy cars did Adam have in the end?

Question 39 of 50
Primary 5 Maths (Term 2)   3 pts

At a carnival, a stall only sold 20 *l* of lemonade. The lemonade was sold only in 200 *ml* cups and 300 *ml* cups. An equal number of 200 *ml* cups and 300 *ml* cups were sold. How many cups of lemonade did the stall sell altogether?

Question 40 of 50
Primary 5 Maths (Term 2)   3 pts

Mrs Chan bought some pencils for a group of pupils.
If she gave each pupil 3 pencils, she would have 13 pencils left.
If she gave each pupil 5 pencils, she would need 5 more pencils.
How many pupils were there in the group?

Question 41 of 50
Primary 5 Maths (Term 2)   2 pts

There were 140 red and blue beads in a box at first. The ratio of the number of red beads to the number of blue beads is 2 : 5. Janice took out an equal number of red and blue beads. Janice counted the beads in the box again and found out that there were now a total of 110 beads.

How many red beads did she take out?

Question 42 of 50   Primary 5 Maths (Term 2)   2 pts

There were 140 red and blue beads in a box at first. The ratio of the number of red beads to the number of blue beads is 2 : 5. Janice took out an equal number of red and blue beads. Janice counted the beads in the box again and found out that there were now a total of 110 beads.

How many blue beads were there at first?

Question 43 of 50   Primary 5 Maths (Term 2)   4 pts

Ramona baked some pies. $\frac{1}{7}$ of the pies were apple pies and the rest were blueberry pies. She sold $\frac{1}{4}$ of the apple pies and 22 blueberry pies. She then had $\frac{4}{7}$ of the pies left. How many pies did she bake at first?
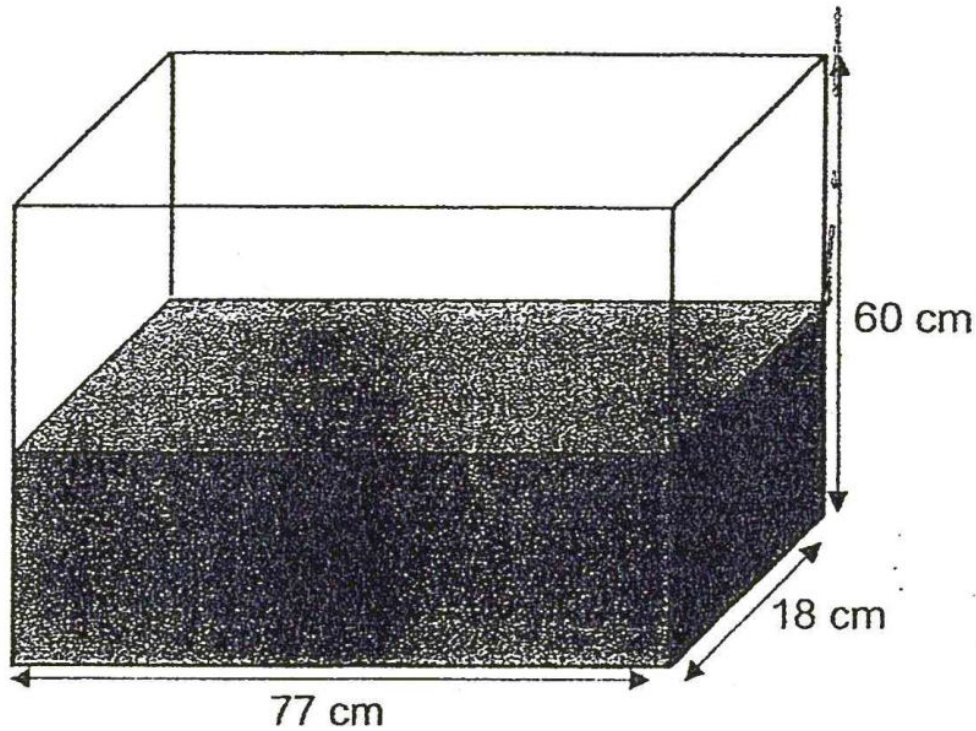
Question 44 of 50   Primary 5 Maths (Term 2)   2 pts

A rectangular container measures 77 cm by 18 cm by 60 cm.
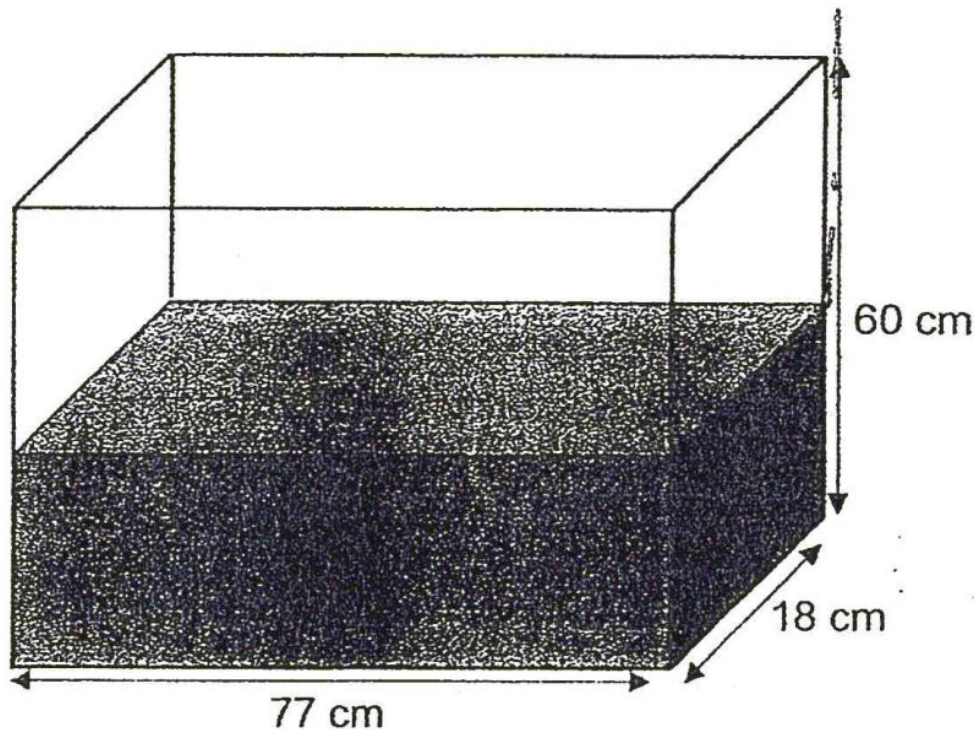
It is $\dfrac{4}{9}$ filled with water.

Find the volume of water in the tank.

Question 45 of 50　　　　　　　　　　　Primary 5 Maths (Term 2)　　2 pts

A rectangular container measures 77 cm by 18 cm by 60 cm.
It is $\frac{4}{9}$ filled with water.

James filled the rest of the tank completely with cups of water filled to the brim. The capacity of each cup of water is 550 *ml*. How many complete cups of water did he use to fill the rest of the tank?

Question 46 of 50　　　　　　　　　　　Primary 5 Maths (Term 2)　　4 pts

Alison had 270 stickers. She gave $\frac{2}{5}$ of her stickers to her brother and $\frac{1}{3}$ of her stickers to her cousin. She then distributed the remaining stickers equally to her 12 friends. How many stickers did each friend receive?

Question 47 of 50

Primary 5 Maths (Term 2)   4 pts

Grace had some candies. She ate $\frac{2}{7}$ of the total amount of candies in the first week. In the second week, she ate 21 candies fewer than what she ate in the first week. She was left with 54 candies. How many candies did she have at first?

Question 48 of 50

Primary 5 Maths (Term 2)   3 pts

The total cost of 4 identical erasers and 6 identical rulers was $5.20.
The total cost of 2 identical erasers and 4 identical rulers was $3.20.

What was the cost of 1 ruler?

Question 49 of 50

Primary 5 Maths (Term 2)   2 pts

The total cost of 4 identical erasers and 6 identical rulers was $5.20.
The total cost of 2 identical erasers and 4 identical rulers was $3.20.

Hector had $5. What was the maximum number of rulers that he could buy?

Question 50 of 50

Primary 5 Maths (Term 2)   5 pts

Jeremy spent $\frac{1}{6}$ of his money and an additional $22 on some food. He spent $\frac{2}{3}$ of the remaining money and an additional $35 on some drinks. Given that he was left with $11, how much money did he have at first?