Test: Primary 5 Maths (Term 4) - RGPS

Points: 90 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 54

Primary 5 Maths (Term 4) 1 pt

Find the value of 120600÷60

- ○ **A)** 201
- ○ **B)** 210
- ○ **C)** 2010
- ○ **D)** 2100

Question 2 of 54

Primary 5 Maths (Term 4) 1 pt

Which digit in 185 423 is in the hundredths place?

- ○ **A)** 1
- ○ **B)** 2
- ○ **C)** 3
- ○ **D)** 4

Question 3 of 54

Primary 5 Maths (Term 4) 1 pt

Express 9020 ml in litres

- ○ **A)** 9.02L
- ○ **B)** 9.2L
- ○ **C)** 90.02L
- ○ **D)** 90.2L

Question 4 of 54 Primary 5 Maths (Term 4) 1 pt

Express $\frac{3}{8}$ as a decimal.

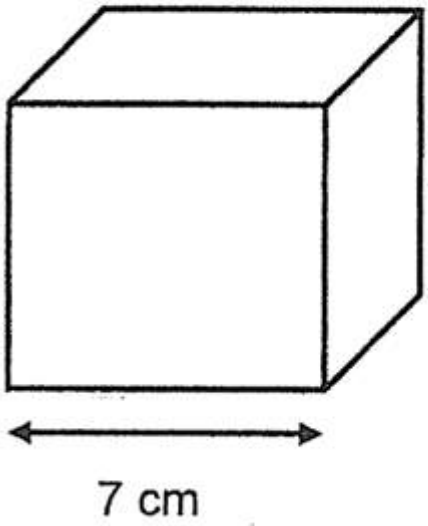
- **A)** 0.3
- **B)** 0.38
- **C)** 0.375
- **D)** 0.667

Question 5 of 54 Primary 5 Maths (Term 4) 1 pt

Find the value of $14 \times \frac{18}{7}$.

- **A)** 9
- **B)** 18
- **C)** 36
- **D)** 126

What is the volume of the cube?

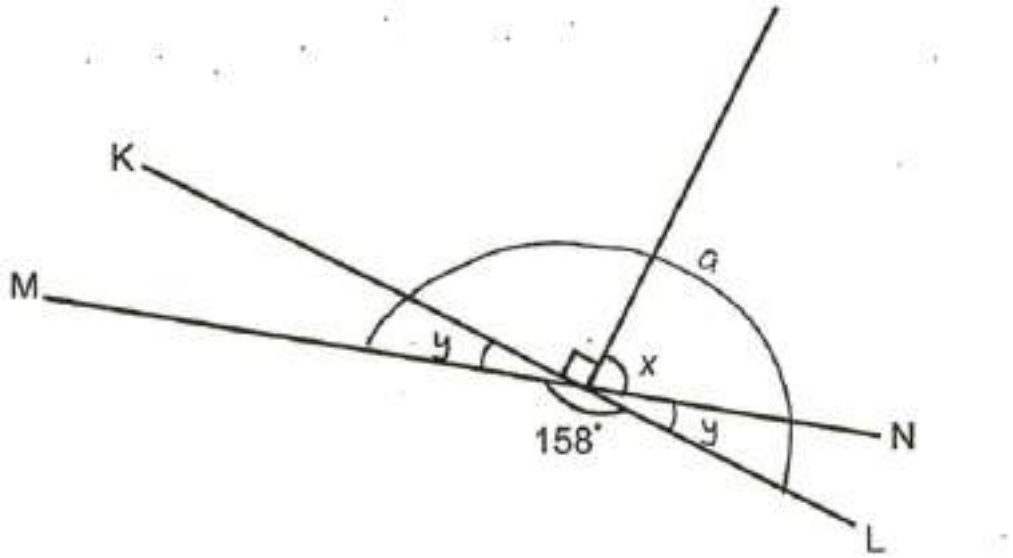


- **A)** 21cm3
- **B)** 49cm3
- **C)** 294cm3
- **D)** 343cm3

Question 7 of 54

Primary 5 Maths (Term 4) 1 pt

In the figure, KL and MN are straight lines. Find ∠x.



- **A)** 22
- **B)** 68
- **C)** 112
- **D)** 158

Question 8 of 54

Primary 5 Maths (Term 4) 1 pt

The average of 3 numbers is 27. What is the sum of all the numbers?

- **A)** 3
- **B)** 9
- **C)** 30
- **D)** 81

Question 9 of 54

Primary 5 Maths (Term 4) 1 pt

Peter, Bala and Zoe shared 126 marbles in the ratio of 2:3:4. How many marbles did Bala get?

- **A)** 14
- **B)** 28
- **C)** 42
- **D)** 56

Question 10 of 54

Primary 5 Maths (Term 4) 1 pt

Express 48cm as a percentage of 1.2m

- **A)** 40%
- **B)** 25%
- **C)** 2.5%
- **D)** 4%

Question 11 of 54

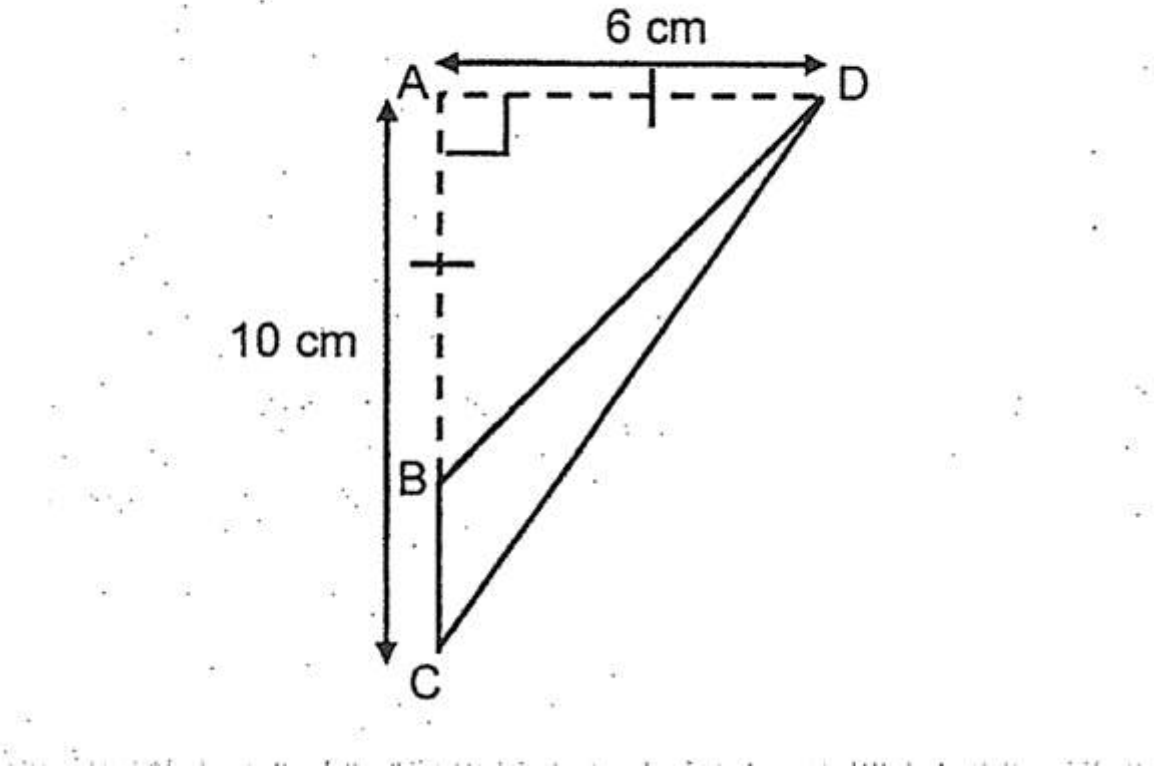
Primary 5 Maths (Term 4) 2 pts

Mrs Tan bought 70kg of rice at $2.85 per kg. How much did she pay?

- **A)** $19.65
- **B)** $19.95
- **C)** $196.50
- **D)** $199.50

Question 12 of 54 Primary 5 Maths (Term 4) 2 pts

In the figure, AD = AB. Find the area of triangle BCD.



- **A)** 12 cm2
- **B)** 24 cm2
- **C)** 30 cm2
- **D)** 60 cm2

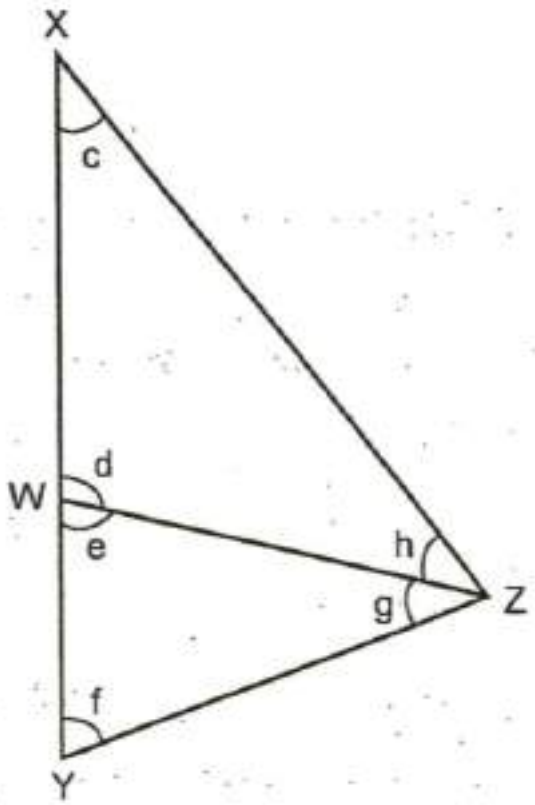
Question 13 of 54 Primary 5 Maths (Term 4) 2 pts

Amy has 3 times as much money as Charles. John has 2 times as much money as Amy. John has $85 more than Charles. What is the total amount if money Charles and Amy have?

- **A)** $17
- **B)** $68
- **C)** $153
- **D)** $170

Question 14 of 54 Primary 5 Maths (Term 4) 2 pts

In the figure, XYZ is a triangle. Which one of the following is **not** true?



A) $\angle d + \angle e = 180^\circ$

B) $\angle c + \angle f + \angle h = 180^\circ$

C) $\angle c + \angle d + \angle h = 180^\circ$

D) $\angle c + \angle f + \angle g + \angle h = 180^\circ$

Question 15 of 54 Primary 5 Maths (Term 4) 2 pts

Hui Hui participated in a race. The total distance she had to swim, cycle and run was $3\frac{1}{4}$ km. She cycled $1\frac{1}{4}$ km and ran $\frac{2}{3}$ of the remaining distance. What was the distance she ran?

A) $\frac{1}{3}$ km

B) $\frac{3}{4}$ km

C) $1\frac{1}{3}$ km

D) $2\frac{1}{6}$ km

Question 16 of 54 Primary 5 Maths (Term 4) 1 pt

Find the value of 98-5x2+6

Question 17 of 54 Primary 5 Maths (Term 4) 1 pt

Express 7.9kg in grams

Question 18 of 54 Primary 5 Maths (Term 4) 1 pt

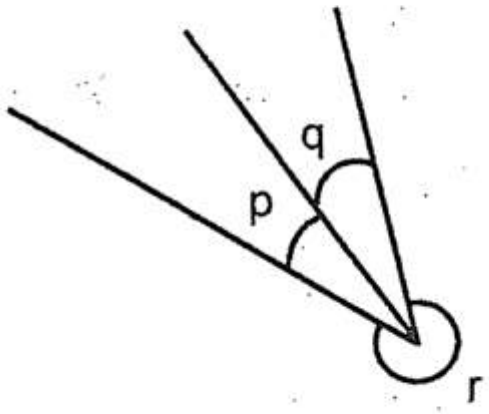
6 children shared 4 piers equally among themselves. What fraction of a pie did each child get? Give your answer in the simplest form.

Question 19 of 54 Primary 5 Maths (Term 4) 1 pt

Find the value of $\frac{3}{4} + \frac{4}{7}$.
Give your answer as a mixed number in the simplest form.

Question 20 of 54 Primary 5 Maths (Term 4) 1 pt

In the figure, $\angle p = \angle q = 38^\circ$. Find $\angle r$.



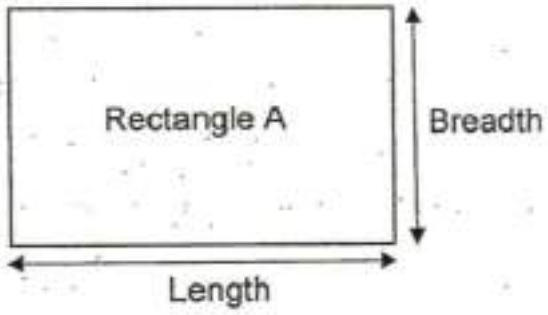
Question 21 of 54 Primary 5 Maths (Term 4) 1 pt

2000 people donated $5.80 each to Children's Charity. The total sum of money was shared equally by 80 children to buy books. How much did each child receive?

Question 22 of 54

Primary 5 Maths (Term 4) 2 pts

The ratio of the length of Rectangle A to its breadth is 9 : 6. The perimeter of the rectangle is 270 cm. What is the difference between the length and the breadth of the rectangle?



Question 23 of 54

Primary 5 Maths (Term 4) 2 pts

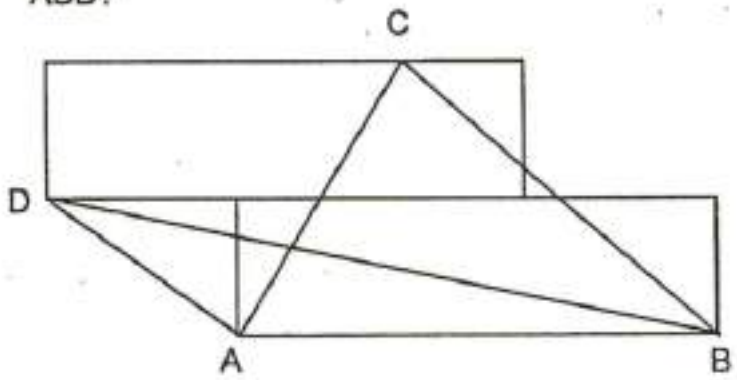
There were 225 apples in Box A and Box B altogether. After 38 apples were transferred from Box B to Box A, there were twice as many apples in Box B as Box A. How many apples were there in Box B at first?

Question 24 of 54

Primary 5 Maths (Term 4) 2 pts

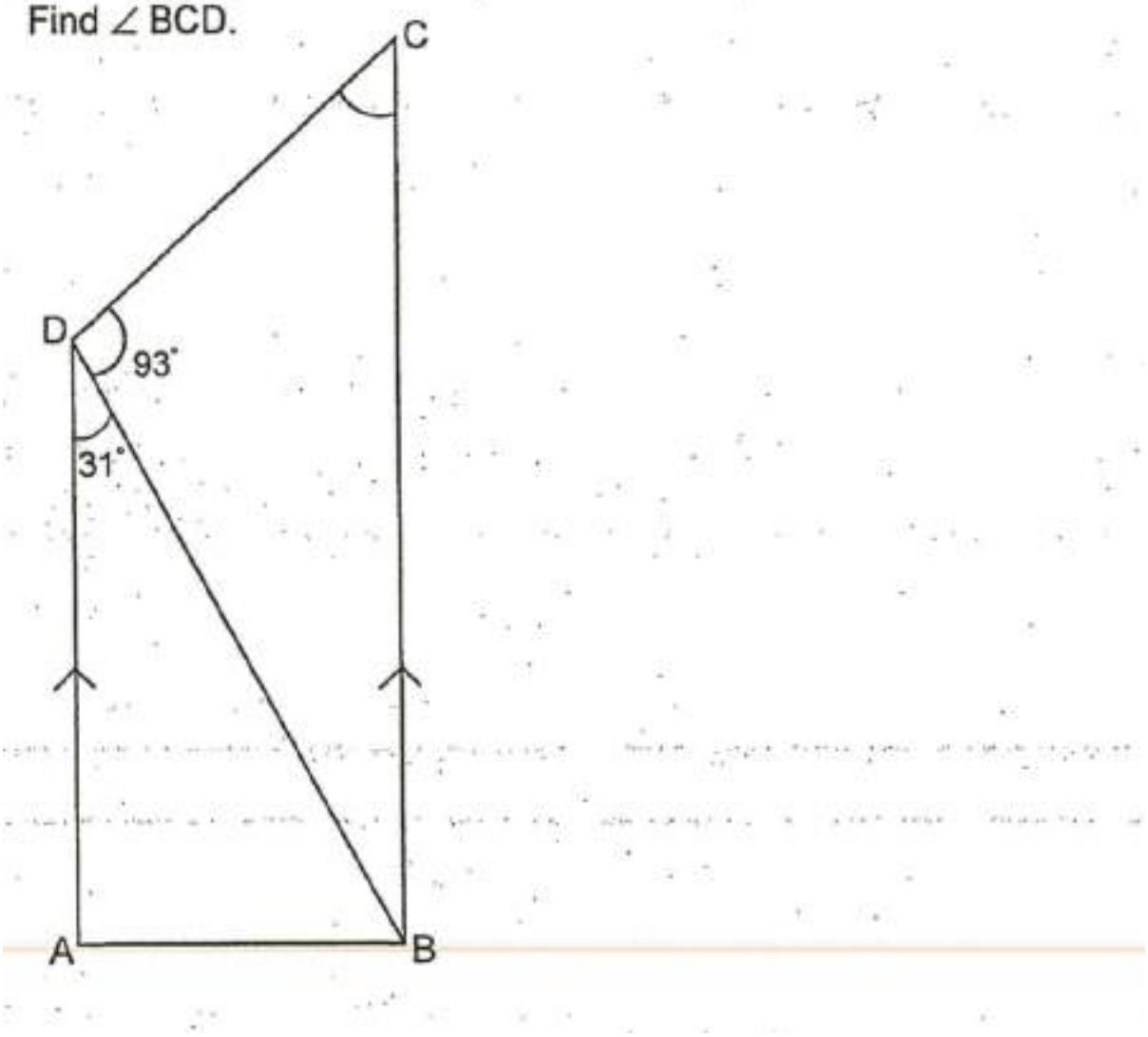
A rectangular plot of land measures 8 m long by $\frac{2}{5}$ m wide. An area of $\frac{9}{10}$ m^2 within the plot of land is used for plantation. Find the area of the plot of land that is not used for plantation. Express the answer in mixed number.

The figure is made up of triangle ABC, triangle ABD and 2 identical rectangles. The area of triangle ABC is 36 cm^2. What is the area of triangle ABD?



Question 26 of 54 Primary 5 Maths (Term 4) 2 pts

In the figure, ABCD is a trapezium. $\angle ADB = 31^\circ$ and $\angle BDC = 93^\circ$. Find $\angle BCD$.



Question 27 of 54 Primary 5 Maths (Term 4) 2 pts

There were 400 books in a library. 40% of them were borrowed. After that. 68 books were returned. How many books were there in the library in the end?

Question 28 of 54

Primary 5 Maths (Term 4) 2 pts

Mrs Maju needs 8 litres of petrol to drive a distance of 120km. A litre of petrol costs $2.08. How much will Mrs Maju need to pay for petrol to drive 300km?

Question 29 of 54

Primary 5 Maths (Term 4) 2 pts

Shanti and Rachel shared a sum of $120. Shanti had $48 more than Rachel. What was the ratio of the amount of money Rachel had to the amount of money Shanti had? Give your answer in the simplest form.

Question 30 of 54

Primary 5 Maths (Term 4) 2 pts

Meili had blue, green and yellow marbles in a box. $\frac{3}{7}$ of the marbles were blue. $\frac{4}{14}$ of the marbles were yellow and the rest of the marbles were green. She gave away some of the blue marbles and there were more remaining blue marbles than those that were given away.

Based on the information above, put a tick in the correct box.

a) There were more yellow marbles than green marbles

- **A)** True
- **B)** False
- **C)** Impossible to tell

Question 31 of 54

Primary 5 Maths (Term 4) 2 pts

b) There were an equal number of remaining blue marbles and green marbles.

- **A)** True
- **B)** False
- **C)** Impossible to tell

Question 32 of 54

Primary 5 Maths (Term 4) 2 pts

A fruit seller had $72\frac{1}{2}$ kg of durians. He sold $\frac{2}{3}$ of them on Saturday. How many kilograms of durians did he have left? Express the answer in mixed number.

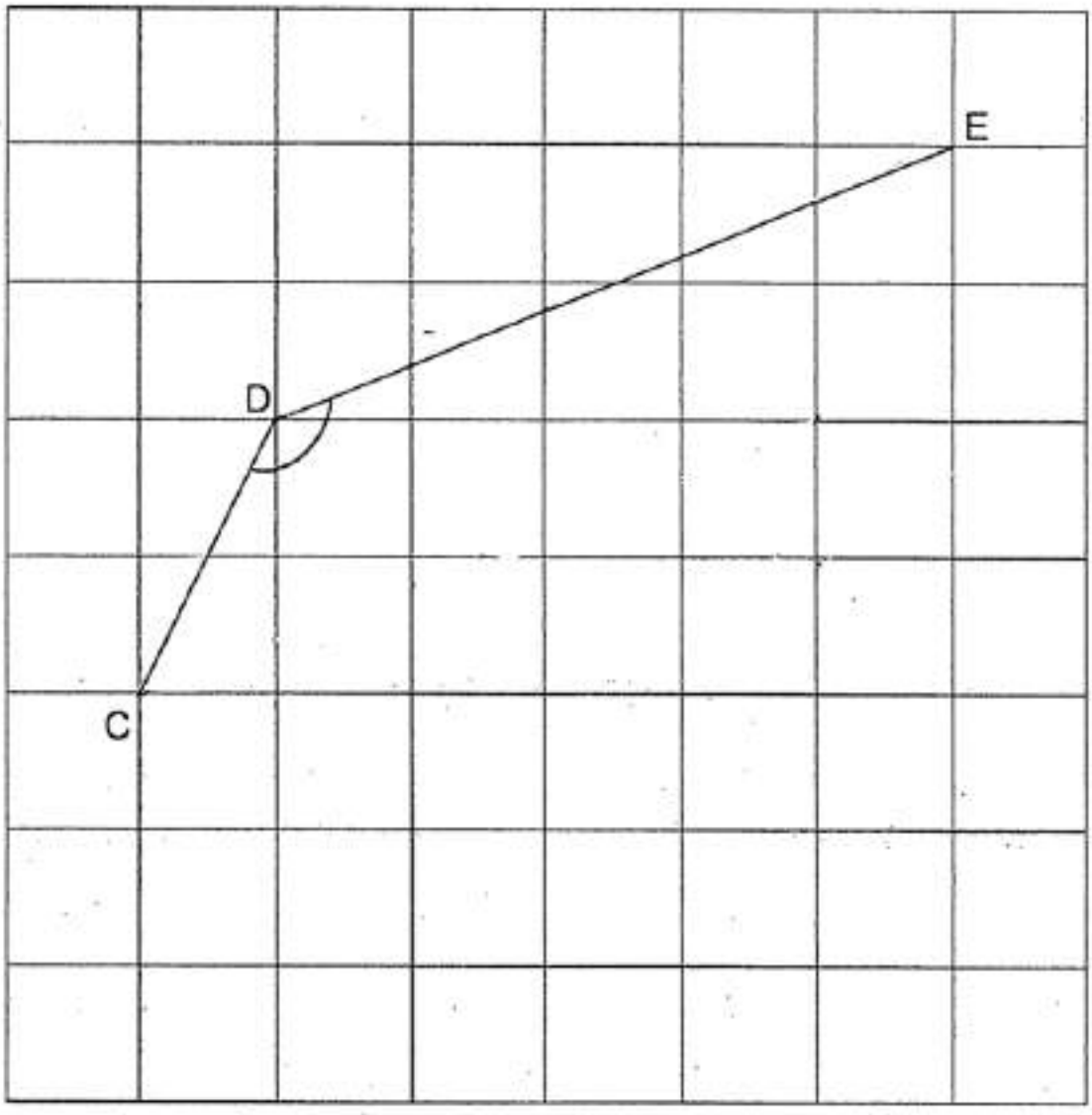
Question 33 of 54

Primary 5 Maths (Term 4) 2 pts

Jeff has an equal number of thirty-cent and fifty-cent stamps. The total value of the stamps is $33.60. How many gift-cent stamps does he have?

In the square grid, CD and DE form two sides of a parallelogram CDE

b) Complete the drawing of parallelogram CDEF.



Please type "done" to proceed to the next question

Question 35 of 54 Primary 5 Maths (Term 4) 2 pts

Mrs Pan bought an oven and she paid $599.20 which included a GST of 7%. What was the cost of the oven before the GST?

Question 36 of 54 Primary 5 Maths (Term 4) 2 pts

The airmail rates to New Zealand is shown in the table.

Mass Step Not Over	Cost
30 g	$1.65
Per additional 5 g or part thereof	$0.20

Wendy sent a letter of 37 g to New Zealand. How much did she pay?

Question 37 of 54 Primary 5 Maths (Term 4) 2 pts

426 stickers are shared among Annie, Bala and Siti. Siti gets 20 stickers more than Bala. Annie gets 35 stickers less than Bala. How many stickers does Annie receive?

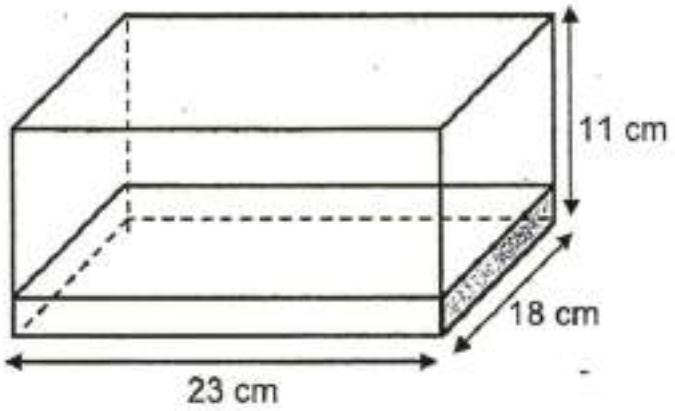
Question 38 of 54 Primary 5 Maths (Term 4) 2 pts

Kelly spent $\frac{1}{5}$ of her money on 7 notebooks and 4 pens. The cost of each notebook is 2 times the cost of each pen. She bought some more pens with $\frac{3}{10}$ of her money. How many pens did she buy altogether?

Question 39 of 54

Primary 5 Maths (Term 4) 2 pts

A rectangular tank measuring 23 cm long, 18 cm wide and 11 cm high contains 0.828 ℓ of water. How much more water has to be added so that the height of water is 2 cm from the top of the tank? Express your answer in litres.



Question 40 of 54

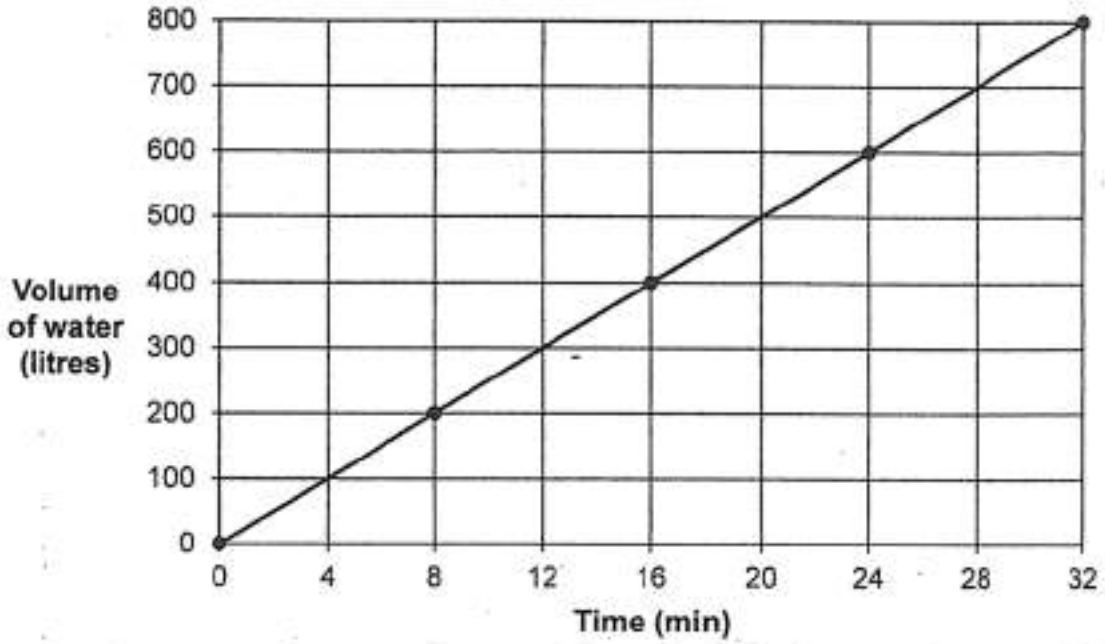
Primary 5 Maths (Term 4) 2 pts

Yi Hern bought some red, green and blue markers. $\frac{1}{4}$ of them were red and $\frac{4}{9}$ of the remaining markers were green. There were 60 blue markers. How many markers did he buy in all?

Question 41 of 54

Primary 5 Maths (Term 4) 2 pts

Joanna turned on a tap to fill an empty tank with water. The volume of the tank was 850 ℓ. She turned off the tap after 32 min. The line graph shows the volume of water in the tank over 32 min.



a) How many litres of water flowed into the tank in one minute?

Question 42 of 54

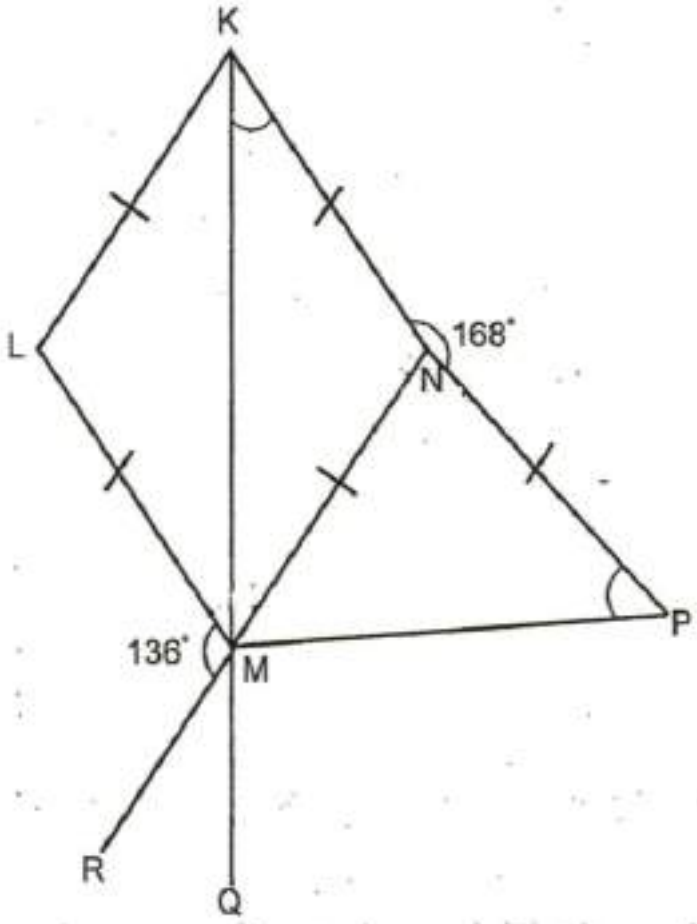
Primary 5 Maths (Term 4) 2 pts

b) How long does it take to fill hall the tank with water?

Question 43 of 54

Primary 5 Maths (Term 4) 2 pts

In the figure, KLMN is a rhombus. RMN and QMK are straight lines and MN = NP. ∠ KNP = 168° and ∠RML = 136°.



a) Find ∠ MKN.

Question 44 of 54

Primary 5 Maths (Term 4) 2 pts

b) Find MPN

Question 45 of 54

Primary 5 Maths (Term 4) 2 pts

During the sale, Lee Ching went to the store to get a total of 31 pens for her pupils and she spent $15 for the purchase.

What was the original price of one pen?

Question 46 of 54

Primary 5 Maths (Term 4) 2 pts

b) The next day, she found out she needed 8 more pens. How much money would she need to spend to get 8 more pens?

Question 47 of 54

Primary 5 Maths (Term 4) 2 pts

Rama was getting some items for the new school year. First, he bought some textbooks with $8 more than $\frac{1}{3}$ of his money. Next, he bought his stationery with $12.20 less than $\frac{1}{2}$ of his remaining money. Lastly, he bought some school socks with $2.80 more than $\frac{1}{2}$ of the money left. Then, he had $15.40 with him. How much money did he have at first?

Question 48 of 54

Primary 5 Maths (Term 4) 2 pts

Ali measured and recorded the mass of some lobsters. The average mass of the lobsters recorded by him was 3.925 kg. The actual average mass of the lobsters was 3.625 kg. Ali had recorded the mass of one of the lobsters as 5.2 kg when it should be 2.5 kg. How many lobsters were there?

Question 49 of 54

Primary 5 Maths (Term 4) 2 pts

Jonas had some money in the bank at the beginning of the year. The bank paid 2% interest at the end of each year. At the end of one year, Jonas had $5610 after receiving the interest.

How much did Jonas have at the beginning of the year?

Question 50 of 54

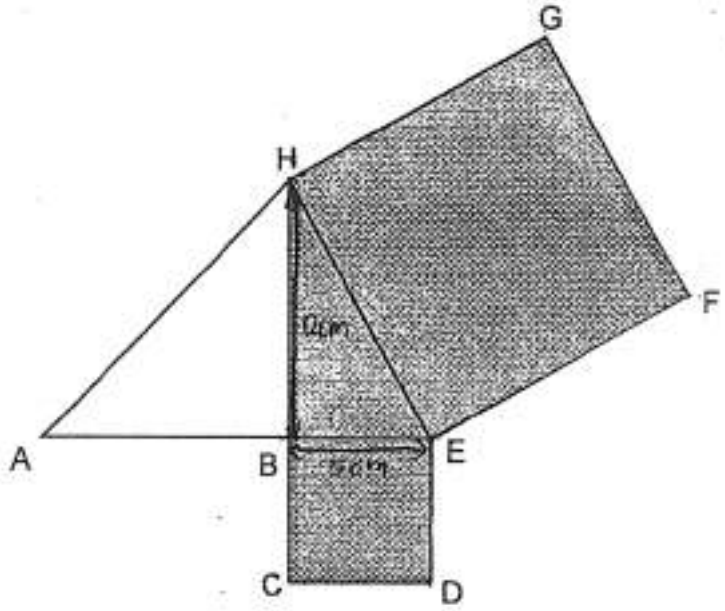
Primary 5 Maths (Term 4) 2 pts

b) Jonas took out 40% of the money after receiving the interest at the end of the year. He bought a refrigerator at a 15% discount. What was the original price of the refrigerator?

Question 51 of 54

Primary 5 Maths (Term 4) 2 pts

The figure is made up of two squares and two triangles. The area of square BCDE is 25 cm^2, the area of square EFGH is 169 cm^2 and the area of isosceles triangle ABH is 72 cm^2. AB = BH. ABE and HBC are straight lines.



Find the area of the triangle BHE.

Question 52 of 54

Primary 5 Maths (Term 4) 2 pts

b) Find the perimeter of the shaded area.

Question 53 of 54

Primary 5 Maths (Term 4) 2 pts

There were 2 boxes of coins. Each box contained both twenty-cent coins and one-dollar coins. The ratio of the number of twenty-cent coins to the number of one-dollar coins in Box A was 1 : 2. Louise took out 5 one-dollar coins from Box A and exchanged them for twenty-cent coins. Then she put the twenty-cent coins into Box A. There were 40 twenty-cent coins in Box A in the end.

How many twenty-cent coins did Louise put into Box A?

After the exchange, the ratio of the total value of coins in Box A to the total value of coins in Box B was 5 : 4. What was the smallest possible number of coins in Box B?