

Test: Primary 6 Math (Term 4) - SCGS (Y0)

Points: 52 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 6 Math (Prelim) 1 pt

What does the value of the digit 2 in 5.629 stand for?

- _____
- A) 2 ones
- B) 2 tenths
- C) 2 hundredths
- D) 2 thousandths

Question 2 of 54

Primary 6 Math (Prelim) 1 pt

3812cm = ___ m

- _____
- A) 0.3817m
- B) 3.817m
- C) 38.17m
- D) 381.7m

Question 3 of 54

Primary 6 Math (Prelim) 1 pt

Which one of the following would be the most likely mass of a watermelon?

- A) 5 g
- B) 5kg
- C) 50 g
- D) 50 kg

Question 4 of 54

Primary 6 Math (Prelim) 1 pt

What is the value of $5k - \frac{3k}{2}$ when $k = 6$?

- A) 30
- B) 21
- C) 12

Question 5 of 54

Primary 6 Math (Prelim) 1 pt

Which of the following is the same as $6 + \frac{9}{15}$?

A)

$$6 \times \frac{15}{9}$$

B)

$$6 \times \frac{9}{15}$$

C)

$$\frac{1}{6} \times \frac{9}{15}$$

D)

$$\frac{1}{6} \times \frac{15}{9}$$

Question 6 of 54

Primary 6 Math (Prelim) 1 pt

Which of the following fractions is larger than $\frac{1}{5}$?

A) $\frac{3}{10}$

B) $\frac{2}{11}$

C) $\frac{3}{15}$

D) $\frac{2}{30}$

Question 7 of 54

Primary 6 Math (Prelim) 1 pt

The price of a mobile phone is \$200 excluding GST. GST is 7%. What is the price of the mobile phone including GST?

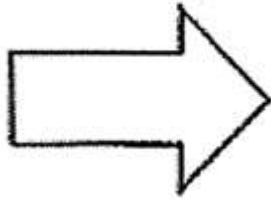
- A) \$14
- B) \$186
- C) \$207
- D) \$214

Question 8 of 54

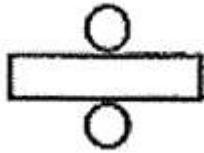
Primary 6 Math (Prelim) 1 pt

Which of the following figures is not symmetrical?

A)



B)



C)



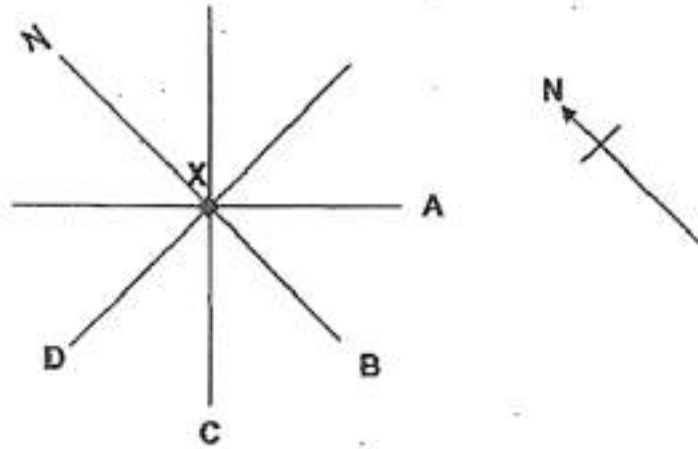
D)



Question 9 of 54

Primary 6 Math (Prelim) 1 pt

Mulhu is at Point X facing North. He turns 135° anti-clockwise. Which direction is he facing now?



- A) A
- B) B
- C) C
- D) D

Question 10 of 54

Primary 6 Math (Prelim) 1 pt

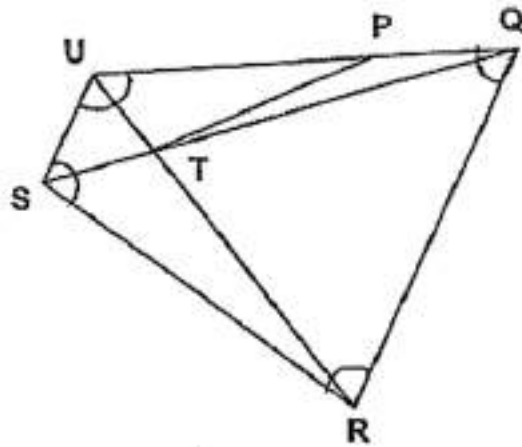
Express 143 min in hours and minutes

- A) 1 h 23 min
- B) 1 h 43 min
- C) 2 h 23 min
- D) 2 h 43 min

Question 11 of 54

Primary 6 Math (Prelim) 1 pt

In the figure, UTR and QTS are straight lines. SUQR is a trapezium.
Which of the following statements is false?



- A) $\angle PTU = \angle RTS$
- B) $\angle UTS = \angle QTR$
- C) $\angle SUQ + \angle UQR = 180$
- D) $\angle QRS + \angle RSU + \angle SUQ + \angle UQR = 360$

Question 12 of 54

Primary 6 Math (Prelim) 1 pt

Mr Raju puts 40 apples into a carton. There are 24 red ones and the rest are green. Find the ratio of the number of green apples to that of the total number of red and green apples.

- A) 2:3
- B) 2:5
- C) 3:2
- D) 3:5

Question 13 of 54

Primary 6 Math (Prelim) 1 pt

Jean bought a speaker and a laptop. She spend \$2000 altogether. The speaker is 4% of the total cost. What is the cost of the laptop?

- A) \$80
- B) \$96
- C) \$1920
- D) \$1996

Question 14 of 54

Primary 6 Math (Prelim) 1 pt

Tom took a flight from Singapore to London. The journey took 13 h 30 min . HE reached London at 12.45pm (Singaore time) on Thursday. At what time and what day did his flight take off from Singapore?

- A) 2.15am, Friday
- B) 2.15pm, Friday
- C) 11.15pm, Thursday
- D) 11.15pm, Wednesday

Question 15 of 54

Primary 6 Math (Prelim) 1 pt

Jeremy had 7 ℓ of juice. He drank $\frac{1}{2}$ of it and gave $\frac{1}{4}$ ℓ to his friend. How much juice had he left?

 A)

$$1\frac{3}{4} \text{ ℓ}$$

 B)

$$3\frac{1}{4} \text{ ℓ}$$

 C)

$$6\frac{1}{4} \text{ ℓ}$$

 D)

$$7\frac{3}{4} \text{ ℓ}$$

Question 16 of 54

Primary 6 Math (Prelim) 1 pt

18:27 = 4: ____

Question 17 of 54

Primary 6 Math (Prelim) 1 pt

What is the value of $408 - 12 + (2 + 4) \times 4$?

Question 18 of 54

Primary 6 Math (Prelim) 1 pt

List the common factors of 40 and 45.

____,____,____,.....

Question 19 of 54

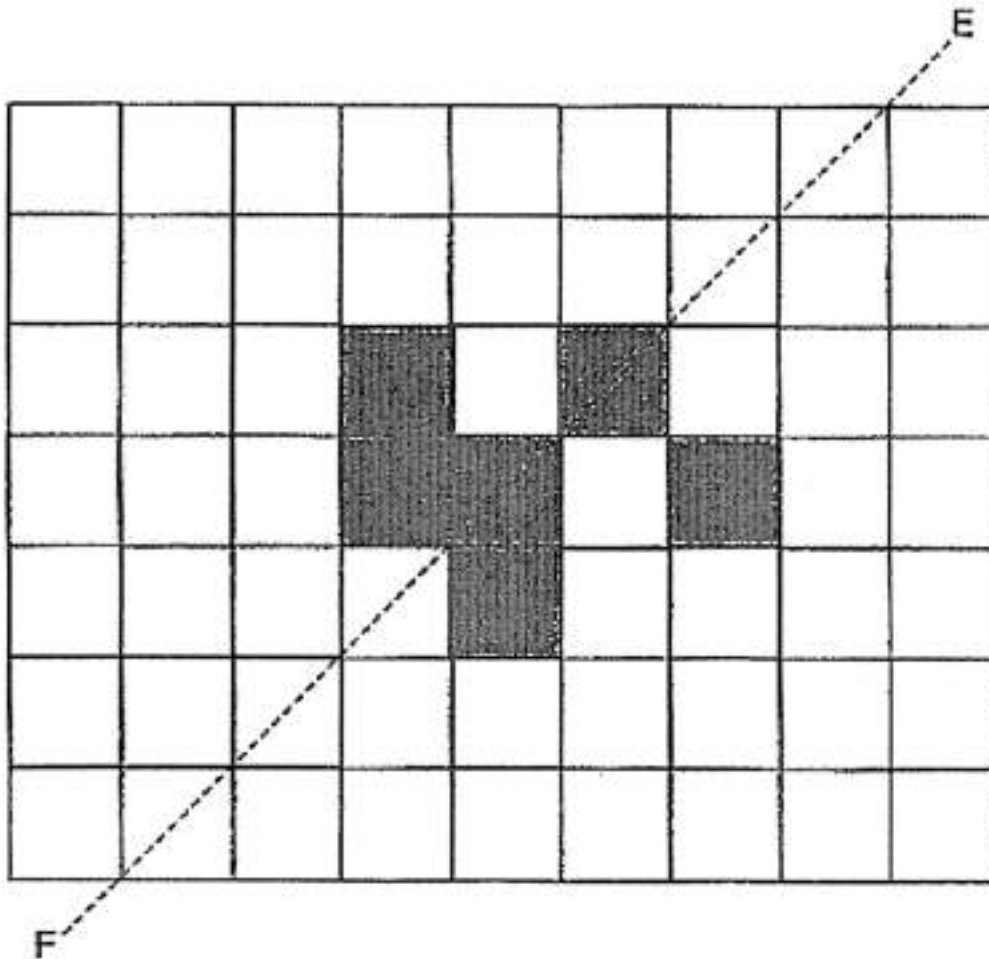
Primary 6 Math (Prelim) 1 pt

Find the volume a 4cm cube

Question 20 of 54

Primary 6 Math (Prelim) 0 pts

In the figure below, dotted line EF is a line of symmetry. Shade 2 more squares to complete the figure.



Question 21 of 54

Primary 6 Math (Prelim) 1 pt

The table below shows prices of durians and mangoes at a fruit stall.

Item	Price per kg
Durian	$\$(m + 14)$
Mango	$\$ m$

Peter bought 1 kg of durians and 3 kg of mangoes. How much did he spend?
Express your answer in terms of m .

Question 22 of 54

Primary 6 Math (Prelim) 1 pt

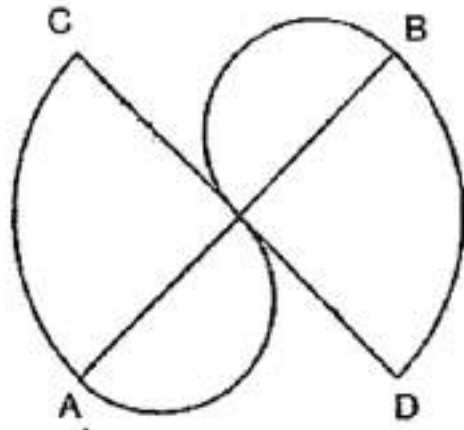
Amara spent \$74 on 1kg of durians and some mangoes. If $m=6$, how many kg of mangoes did he buy?

Question 23 of 54

Primary 6 Math (Prelim) 1 pt

The figure below is made up of 2 identical quadrants and 2 semicircles.

$AB = CD = 14$ cm. Find the perimeter of the following figure. (Take $\pi = \frac{22}{7}$)



Question 24 of 54

Primary 6 Math (Prelim) 1 pt

Mr Wong bought some green balloons and yellow balloons for his class.

Each of his students used a green balloon and a yellow balloon.

$\frac{2}{5}$ of the green balloons and $\frac{3}{4}$ of the yellow balloons were left.

What fraction of the total number of balloons did his class use?

Question 25 of 54

Primary 6 Math (Prelim) 1 pt

Sammy is twice the age of Tim but half that of Ray. Given that Ray is 24 years old, what is their average age?

Question 26 of 54

Primary 6 Math (Prelim) 1 pt

A bookshelf can withstand the weight of either 45 small books or big books. Given that it already contained 24 small books and 8 big books, how many more books can be placed on the bookshelf?

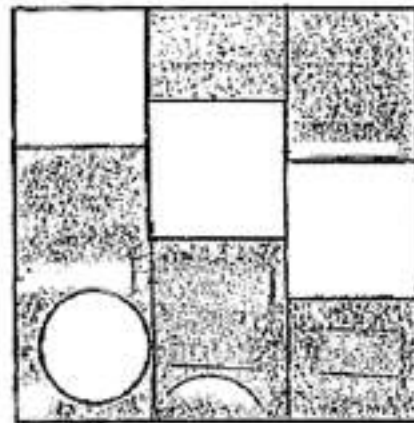
Question 27 of 54

Primary 6 Math (Prelim) 1 pt

The figure is made up of 1 big square, 3 identical small squares and 1 circle.

The circle is half the size of a small square.

What fraction of the figure is shaded?



Question 28 of 54

Primary 6 Math (Prelim) 1 pt

Alyssa cut a piece of ribbon into 2 equal pieces. The total length of $\frac{1}{4}$ of the first piece, $\frac{2}{3}$ of the second piece is 110 cm. What is the original length of the ribbon?

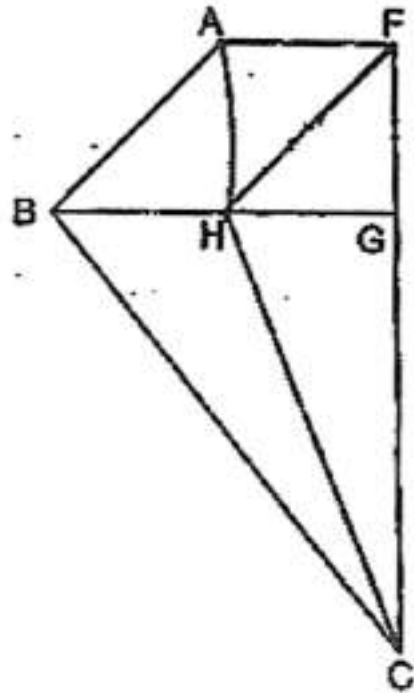
Question 29 of 54

Primary 6 Math (Prelim) 1 pt

The figure below is made up of a parallelogram and triangles.

$BH = HG = GF$. CG is 3 times the length of GF .

BG and FC are straight lines. Given that $FG = 6$ cm, find the area of the figure.



Question 30 of 54

Primary 6 Math (Prelim) 1 pt

Mr Tan and Mr Nordin had some fruits. 40% of Mr Nordin's fruits were orange and the rest were apples. 80% of Mr Tan's fruits were oranges and the rest were apples.

Statement: Mr Nordin had more apples than oranges

- A) True
- B) False
- C) Not possible to tell

Question 31 of 54

Primary 6 Math (Prelim) 1 pt

Statement: Mr Tan had 80 oranges

- A) True
- B) False
- C) Not possible to tell

Question 32 of 54

Primary 6 Math (Prelim) 1 pt

Statement: Mr Tan had more oranges than Mr Nordin

- A) True
- B) False
- C) Not possible to tell

Question 33 of 54

Primary 6 Math (Prelim) 1 pt

Amy and Bala have 275 beads. If Amy gives Bala 20 beads, Bala will have 10 times as many beads as Amy. How many beads does Amy have?

Question 34 of 54

Primary 6 Math (Prelim) 1 pt

A farmer had some apples. She gave 1200 apples to her friend and $\frac{3}{8}$ of the remainder to her aunt. She had 150 apples left. How many apples did she have at first?

Question 35 of 54

Primary 6 Math (Prelim) 1 pt

A machine takes $\frac{1}{6}$ of a minute to assemble a phone. How many phones can it assemble in 5 minutes?

Question 36 of 54

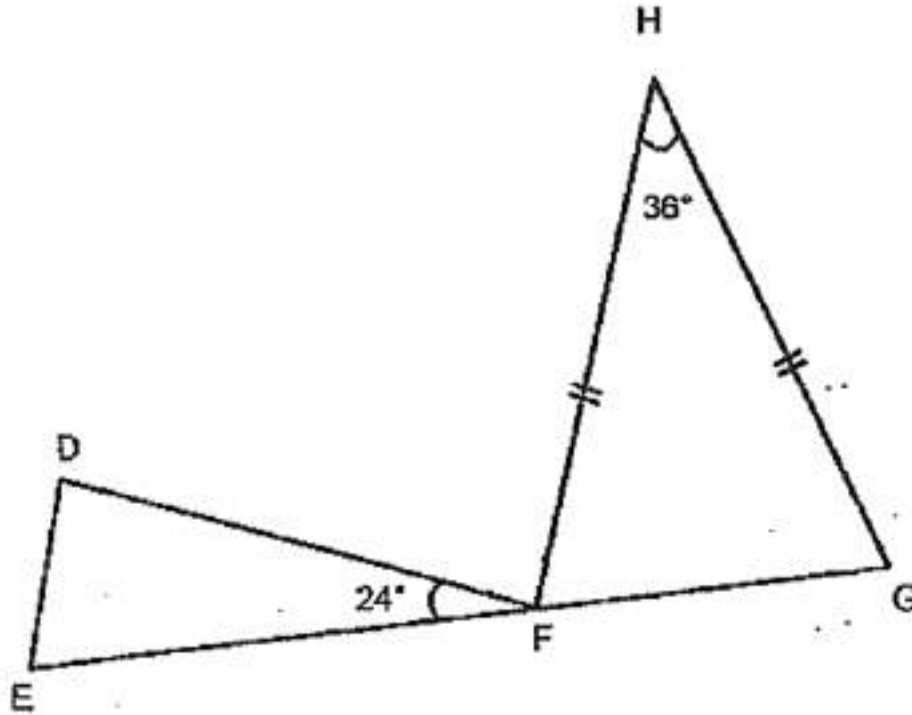
Primary 6 Math (Prelim) 1 pt

Allison's watch is programmed to ring every 5 minutes. Her alarm clock is programmed to ring every 8 minutes. At what time will the 2 device ring together again given that the last time they rang together was at 10 a.m.?

Question 37 of 54

Primary 6 Math (Prelim) 1 pt

In the figure below, FHG is an isosceles triangle. EFG is a straight line.
Find $\angle DFH$.



Question 38 of 54

Primary 6 Math (Prelim) 1 pt

Tiffany bought some chocolates and sweets. The number of sweets is 3 times the number of chocolates. After giving away 10 sweets and 10 chocolates, the number of sweets is 5 times the number of chocolates. How many chocolates did she buy?

Question 39 of 54

Primary 6 Math (Prelim) 1 pt

Mr Lim has big pieces of wood measuring 12.5 m each. He cuts the wood into smaller pieces measuring 30 cm each. He needs 290 small pieces of wood to build a fence. What is the least number of big pieces of wood he needs to build the fence?

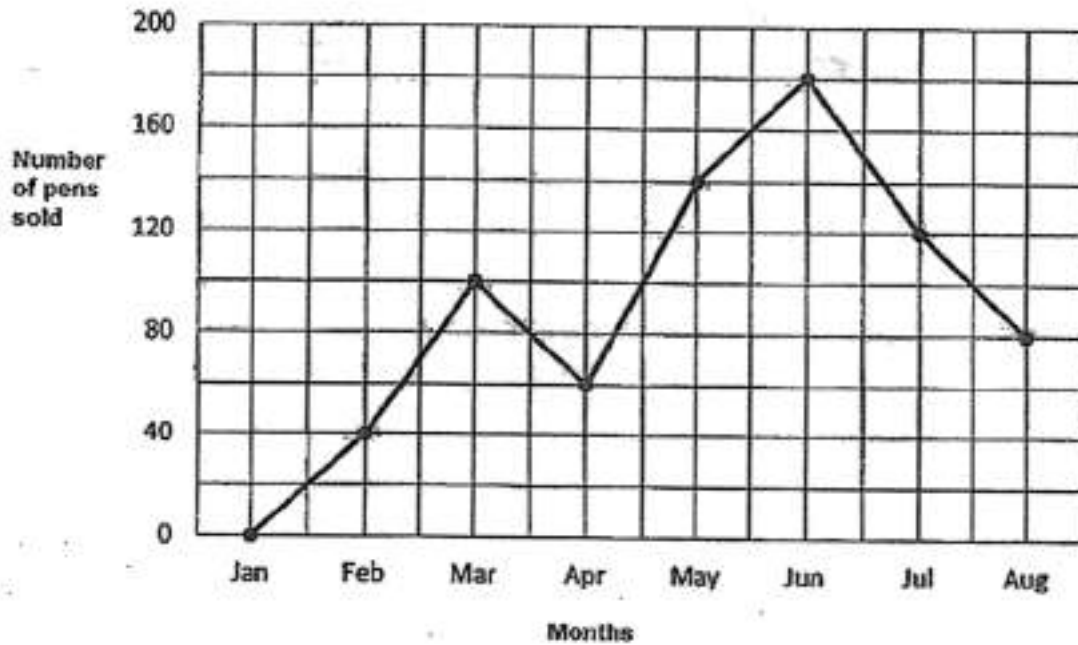
**Question 40 of 54**

Primary 6 Math (Prelim) 1 pt

Sandra has some lemon and peppermint sweets in a container. $\frac{3}{5}$ of the sweets are peppermint. After she adds in another 30 peppermint sweets, $\frac{3}{4}$ of the sweets are peppermint. How many sweets does she have in the container in the end?

Question 41 of 54

Primary 6 Math (Prelim) 1 pt



The graph above shows the number of pens sold in a shop.

a) The greatest increase in sales happened during which one-month period?

- A) Jan to Feb
- B) Feb to Mar
- C) Mar to Apr
- D) Apr to May
- E) May to Jun
- F) Jun to Jul
- G) Jul to Aug

Question 42 of 54

Primary 6 Math (Prelim) 1 pt

b) Find the percentage decrease from June to July

Question 43 of 54

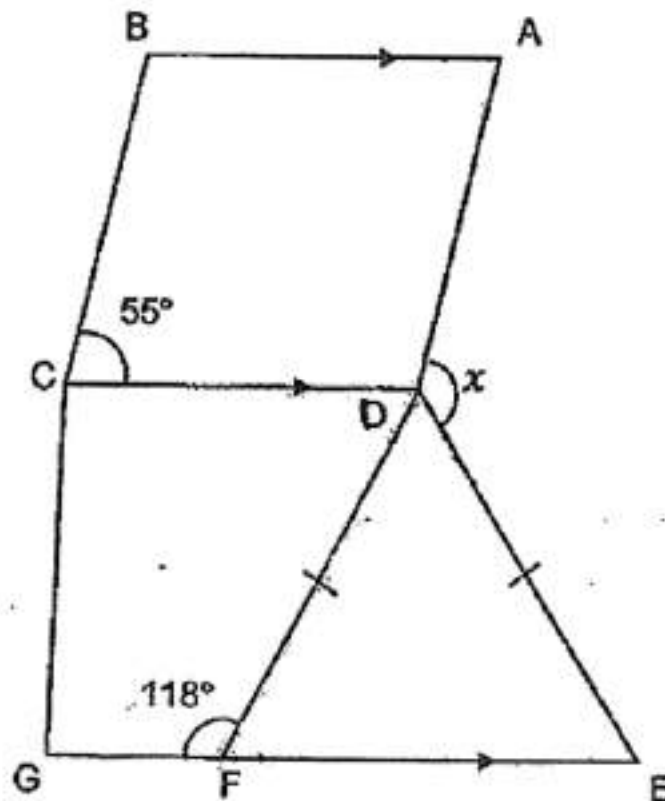
Primary 6 Math (Prelim) 1 pt

Painter A takes 2 h to paint a room. Painter B. takes 3 h to paint the same room. How long will they take if they were topping the room together?

Question 44 of 54

Primary 6 Math (Prelim) 1 pt

ABCD is a rhombus. DCGF is a trapezium. DEF is an isosceles triangle.
Find $\angle x$.

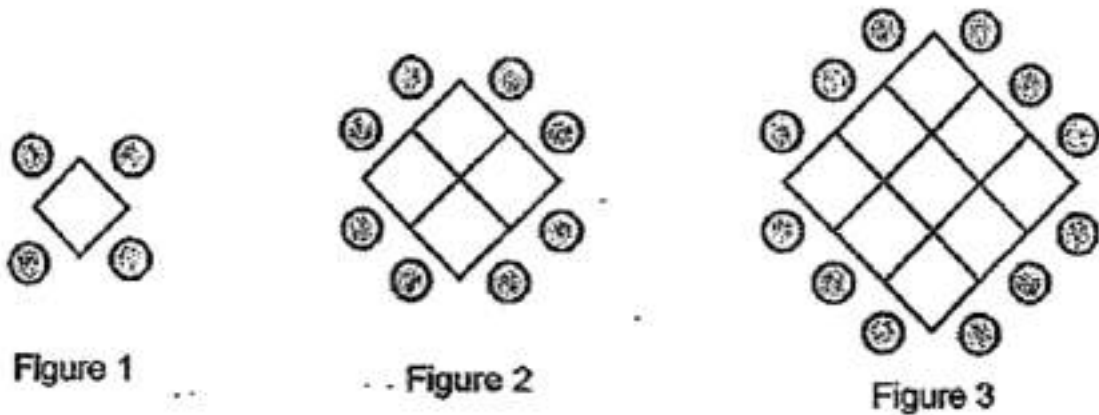


Question 45 of 54 Primary 6 Math (Prelim) 1 pt

A bag of kiwis was shared among 3 children, Xavier, Yanny and Zara. Xavier received 40% of the kiwis plus 2 more. Yanny received 50% of the remainder plus 8 more. If Zara received 54 kiwis, how many kiwis were in the bag at first?

Question 46 of 54 Primary 6 Math (Prelim) 1 pt

Tables and chairs are arranged in the figures below.



a) Complete the table below.

Figure	Number of tables (squares)	Number of chairs (circles)	Total
1	1	4	5
2	4	8	12
3	9	12	21
4			

Question 47 of 54

Primary 6 Math (Prelim)

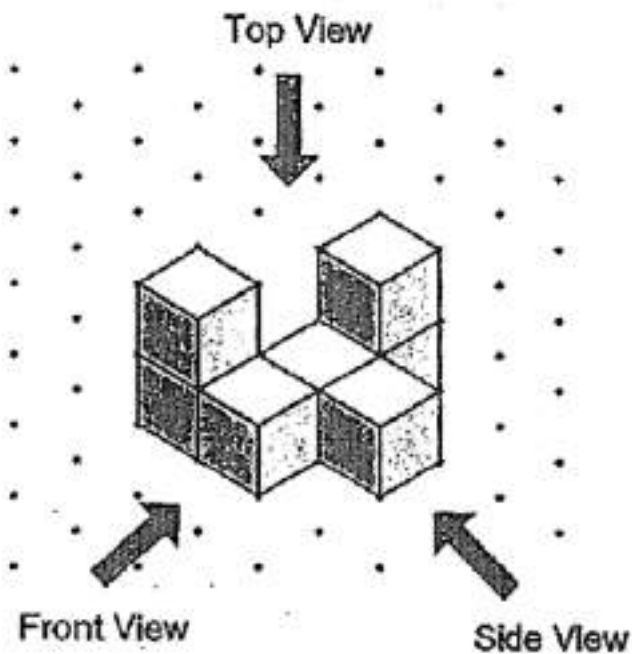
1 pt

b) What is the total number of tables and chairs needed to form figure 39?

Question 48 of 54

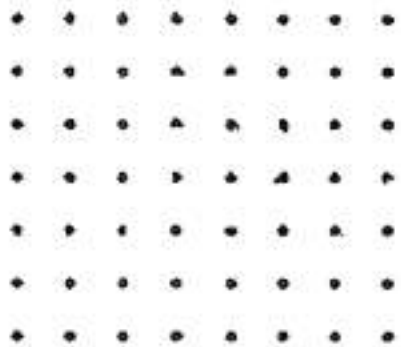
Primary 6 Math (Prelim) 0 pts

The solid below is made up of 1-cm cubes stacked together.

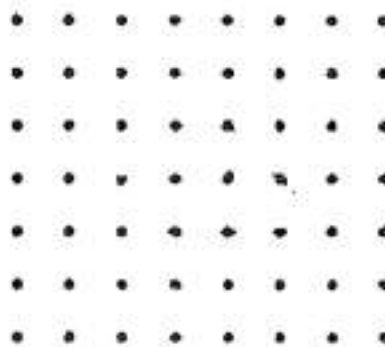


a) Draw the top and front view of the solid on the grid below.

Top View



Front View



Question 49 of 54

Primary 6 Math (Prelim) 1 pt

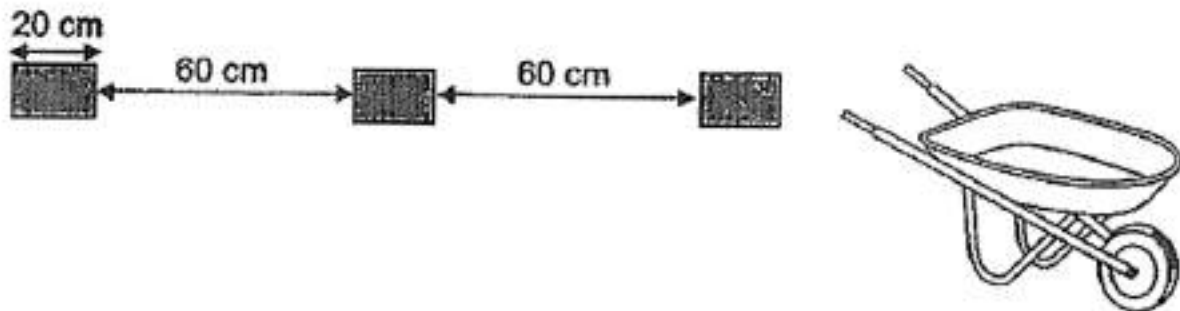
b) From the diagram as shown above, how many more 1cm cubes are needed to form a 5cm cube?

Question 50 of 54

Primary 6 Math (Prelim) 1 pt

A part of the wheel of a wheelbarrow was coated with paint as shown in the diagram. The diagram below showed the marking made by the wheel when it moved through a distance.

Find the circumference of the wheel.

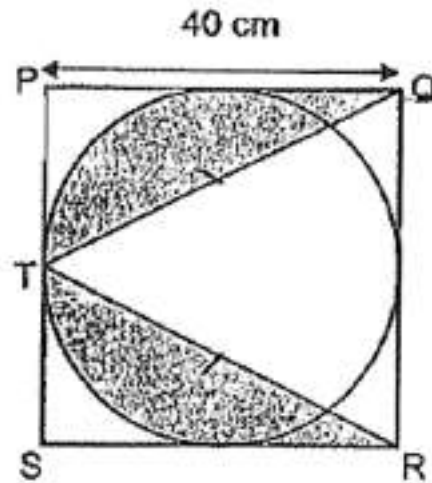


Question 51 of 54

Primary 6 Math (Prelim) 1 pt

PQRS is a square. T is the mid-point of PS. $TQ = TR$.

Find the area of the shaded parts. (Take $\pi = 3.14$)

**Question 52 of 54**

Primary 6 Math (Prelim) 1 pt

A plate of chicken rice cost \$4 while a plate of spaghetti cost \$7. Miss Tan ordered plates of chicken rice and spaghetti in the ratio 2:5 for her pupils in a camp. She paid \$258 in total.

a) How many plates of chicken rice did she order?

Question 53 of 54

Primary 6 Math (Prelim) 1 pt

b) How much more money did she spend on spaghetti than on chicken rice?

Question 54 of 54

Primary 6 Math (Prelim) 1 pt

The figure below is made up of a rectangle and triangles. The area of the quadrilateral BFGI is 21 cm^2 . Find the area of the shaded part.

