Test: Primary 5 Maths (Term 4) - Rosyth

Points: 77 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 55

Primary 5 Maths (Term 4) 1 pt

Which one of the following shows six million and fifty thousand?

- ○ **A)** 6 000 050
- ○ **B)** 6 000 500
- ○ **C)** 6 005 000
- ○ **D)** 6 050 000

Question 2 of 55

Primary 5 Maths (Term 4) 1 pt

What is the value of the digit 8 in 1 980 524?

- ○ **A)** 80
- ○ **B)** 800
- ○ **C)** 8000
- ○ **D)** 80 000

Question 3 of 55

Primary 5 Maths (Term 4) 1 pt

Wha is the missing value in 27÷___ = 0.27?

- ○ **A)** 1
- ○ **B)** 10
- ○ **C)** 100
- ○ **D)** 1 000

Question 4 of 55

Primary 5 Maths (Term 4) 1 pt

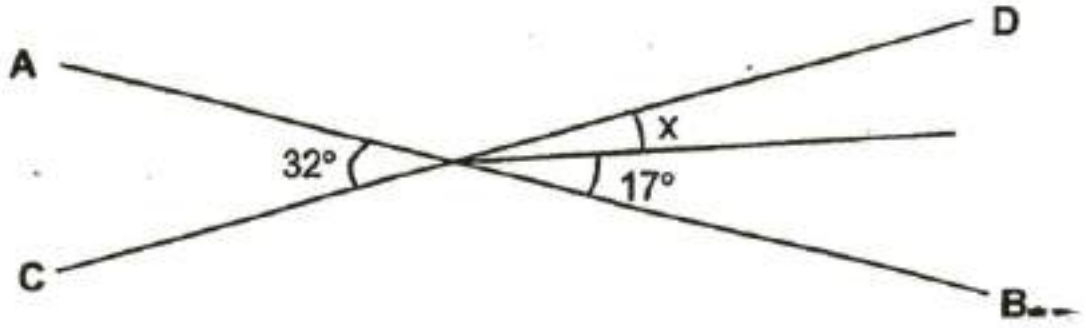
Janani has 5 pens and 2 erasers in her pencil case. What is the ratio of the number of pens to the number of erasers?

- A) 2:5
- B) 5:2
- C) 2:7
- D) 5:7

Question 5 of 55

Primary 5 Maths (Term 4) 1 pt

AB and CD are straight lines. Find ∠x.

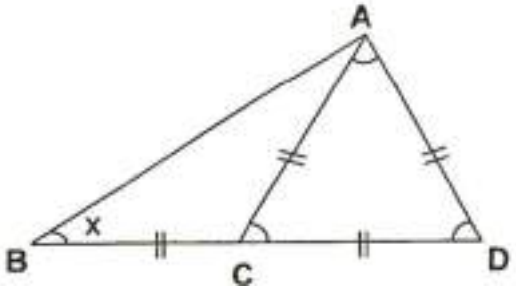


- A) 15
- B) 17
- C) 32
- D) 148

Question 6 of 55

Primary 5 Maths (Term 4) 1 pt

In the figure below, AC = BC. BCD is a straight line. Triangle ACD is an equilateral triangle. Find ∠x.

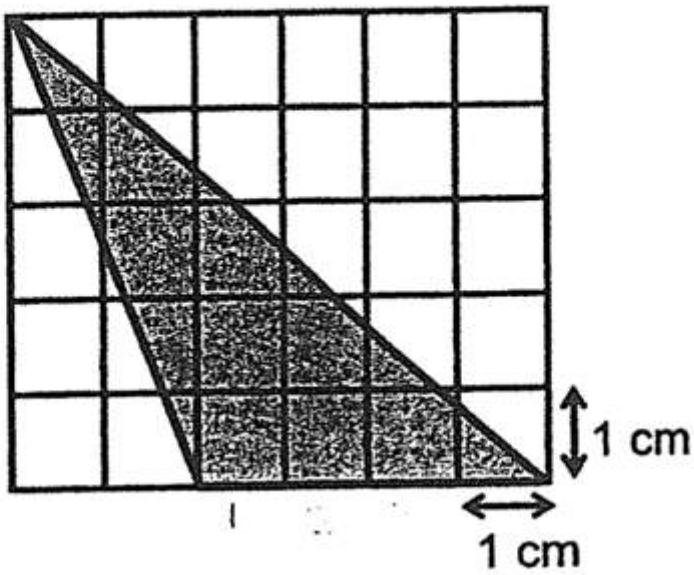


- A) 20
- B) 30
- C) 60
- D) 120

Question 7 of 55

Primary 5 Maths (Term 4) 1 pt

Calculate the area of the shaded triangle.



- A) 5cm2
- B) 7cm2
- C) 10cm2
- D) 15cm2

Question 8 of 55

Primary 5 Maths (Term 4) 1 pt

2 litres of fruit juice was shared by 16 children. How many litres of fruit juice would each child receive?

A) $\frac{1}{8}\ell$

B) $\frac{1}{4}\ell$

C) 4ℓ

D) 8ℓ

Question 9 of 55

Primary 5 Maths (Term 4) 1 pt

The diagram below shows different shapes of rectangles, triangles and circles. What percentage of all these shapes are triangles?

A) 20%

B) 50%

C) 40%

D) 60%

Question 10 of 55

Primary 5 Maths (Term 4) 1 pt

Ahmad scored an average of 74 marks for two tests. He scored 70 marks in his first test. How many marks did he score in his second test?

A) 66

B) 72

C) 74

D) 78

Question 11 of 55

Primary 5 Maths (Term 4) 1 pt

Mrs Sim bought a 2.15kg bag of sugar. At the end of 5 days, she used up all the sugar. She used an equal amount of sugar each day. How much sugar did she use each day?

- A) 0.43kg
- B) 0.403kg
- C) 4.03kg
- D) 4.30kg

Question 12 of 55

Primary 5 Maths (Term 4) 1 pt

John attended an 8-hour camp during the school holidays. $\frac{1}{2}$ of the time was spent on drama activities. He spent $\frac{3}{4}$ h on lunch. The rest of the time was spent on craft activities. How much time was spent on craft activities?

- A) $\frac{1}{4}$ h
- B) $1\frac{1}{4}$ h
- C) $3\frac{1}{4}$ h
- D) $6\frac{3}{4}$ h

Question 13 of 55

Primary 5 Maths (Term 4) 1 pt

Mary packed some flour in packets. Each packet contained $\frac{1}{4}$ kg of flour. In the end, she had 6 packets and 70 g of flour left. How many grams of flour did she pack?

- A) 1120kg
- B) 1500kg
- C) 1570kg
- D) 2200kg

Question 14 of 55

Primary 5 Maths (Term 4) 1 pt

The number of fifty cent coins that Patricia has is twice the number of one dollar coins. The total value of all the coins is $120. How many fifty cent coins does she have?

- A) 40
- B) 60
- C) 80
- D) 120

Question 15 of 55

Primary 5 Maths (Term 4) 1 pt

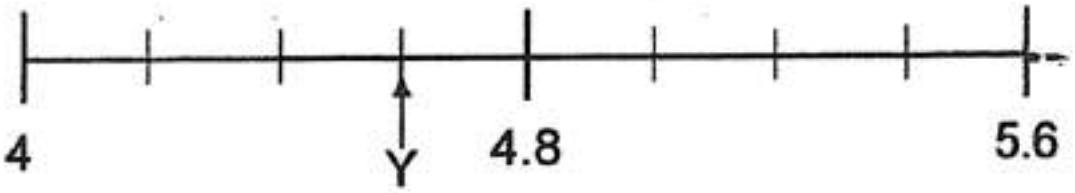
A cubical container of edge 10 cm was $\frac{3}{4}$ filled with water. $\frac{1}{4}$ of the water was poured out. How much water remained in the container?

- A) 187.5cm3
- B) 500cm3
- C) 562.5cm3
- D) 750cm3

Question 16 of 55

Primary 5 Maths (Term 4) 1 pt

What is the value of Y?



Question 17 of 55

Primary 5 Maths (Term 4) 1 pt

What is the remainder when 7102 is divided by 7?

Question 18 of 55

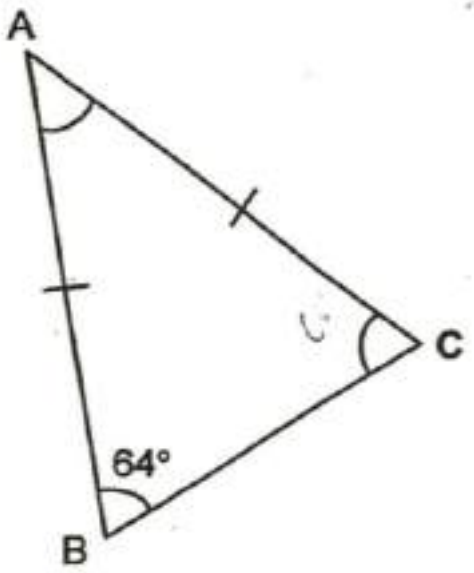
Primary 5 Maths (Term 4) 1 pt

There were 8 pizzas. The children ate $\frac{4}{5}$ of the pizzas. How many pizzas were left? Express your answer as a mixed number in its simplest form.

Question 19 of 55

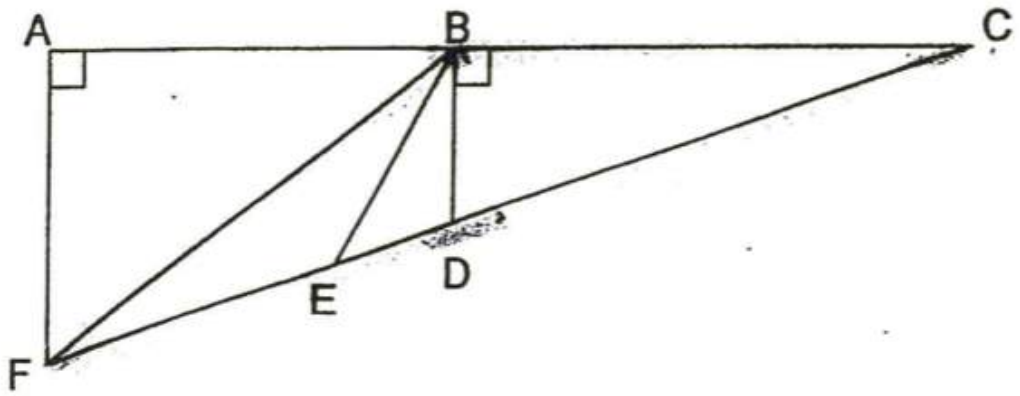
Primary 5 Maths (Term 4) 1 pt

Triangle ABC is an isosceles triangle. Find the value of $\angle$ BAC.



Question 20 of 55 Primary 5 Maths (Term 4) 1 pt

Name the height of triangle BCF.



Question 21 of 55 Primary 5 Maths (Term 4) 1 pt

There were two packets of flour on the table. Packet A had 300g more flour than Packet B. 1.6 kg of flour was transferred from Packet B to Packet A. How many more kilograms of flour did packet A have than Packet B?

Question 22 of 55 Primary 5 Maths (Term 4) 1 pt

Shamini and Mandy had some bookmarks. They bought 10 more bookmarks each. After that, the number of bookmarks that Shamini had to the number of bookmarks Mandy had was 3 : 1. Mandy had 18 bookmarks in the end. How many bookmarks did Shamini have at first?

Question 23 of 55

Primary 5 Maths (Term 4) 1 pt

The table below shows the number of students in each class in a kindergarten.

Class	A	B	C
Number of students	20	12	15

The average number of pencils owned by each pupil is 2.
Find the total number of pencils owned by all the students in the kindergarten.

Question 24 of 55

Primary 5 Maths (Term 4) 1 pt

Mr Lim is 40 years old now. His son is 4 years younger than him. What will be their combined age three years later?

Question 25 of 55

Primary 5 Maths (Term 4) 0 pts

The line AB is 8 cm long. Using the line AB given, construct triangle ABC such that ∠ABC = 38°. The line AB is equal to the line BC. Label the triangle.

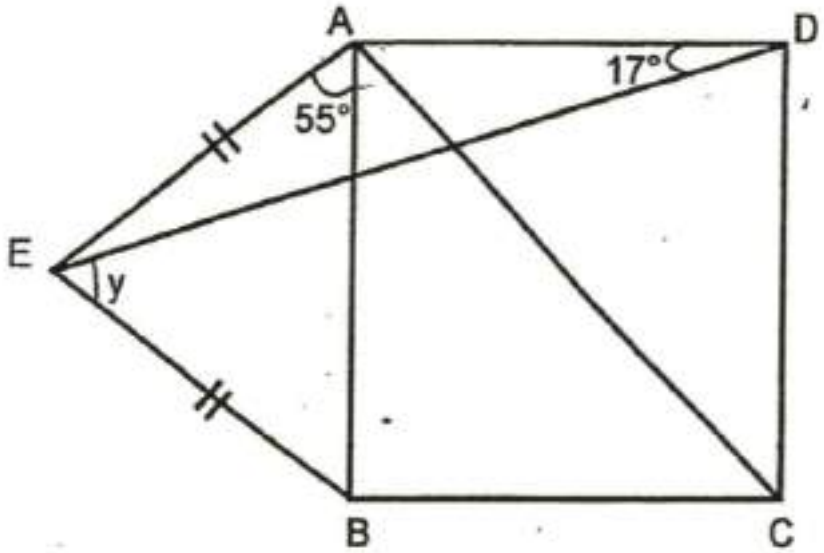
Please type "done" to proceed to the next question

Question 26 of 55

Primary 5 Maths (Term 4) 1 pt

Mr Menon bought a sofa set which cost $1200 before a GST of 7%. What was the amount of GST that he had to pay for the sofa set?

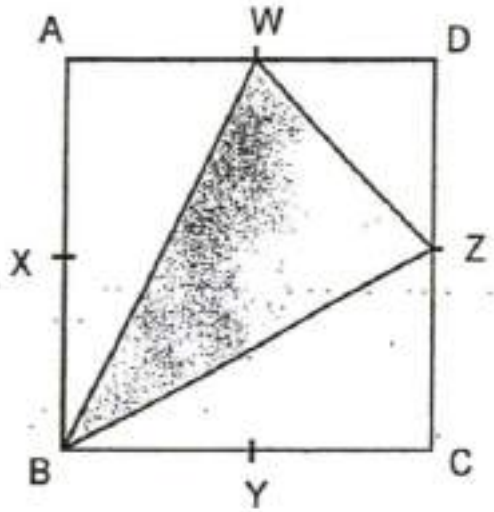
ABCD is a square. ABE is an isosceles triangle. ∠EAB = 55° and ∠ADE = 17°. Find ∠ y.



Question 28 of 55

Primary 5 Maths (Term 4) 1 pt

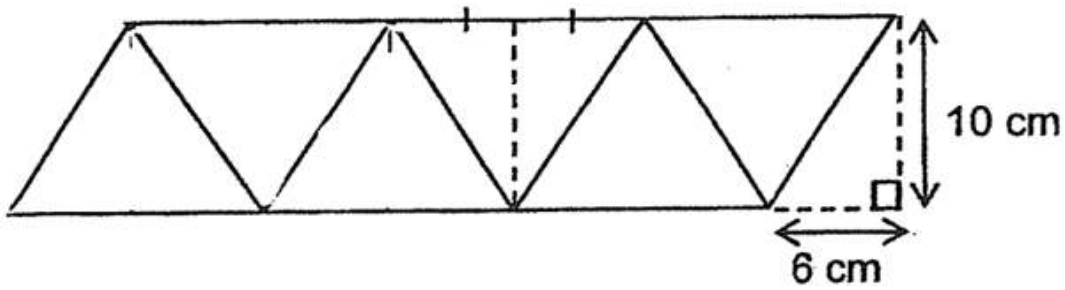
W, X, Y and Z are the mid-points of the sides of a square ABCD. The area of the square is 64 cm², what is the area of the shaded triangle?



Question 29 of 55

Primary 5 Maths (Term 4) 1 pt

The figure below is made up of 6 similar triangles.
Find the total area of the figure.



Sarah folded a rectangular piece of paper, coloured on one side, to form Triangle ABC and Triangle ADE. Find ∠x.

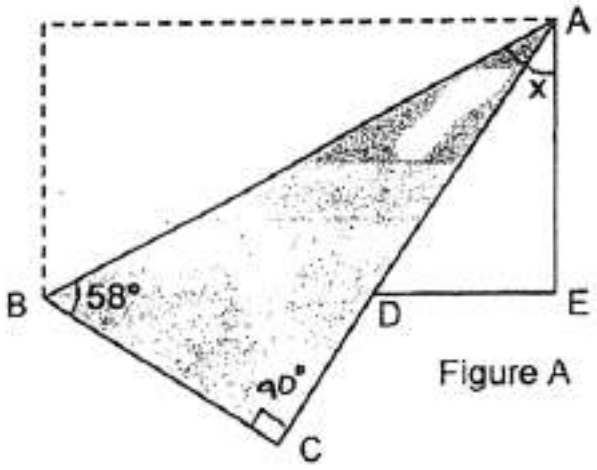
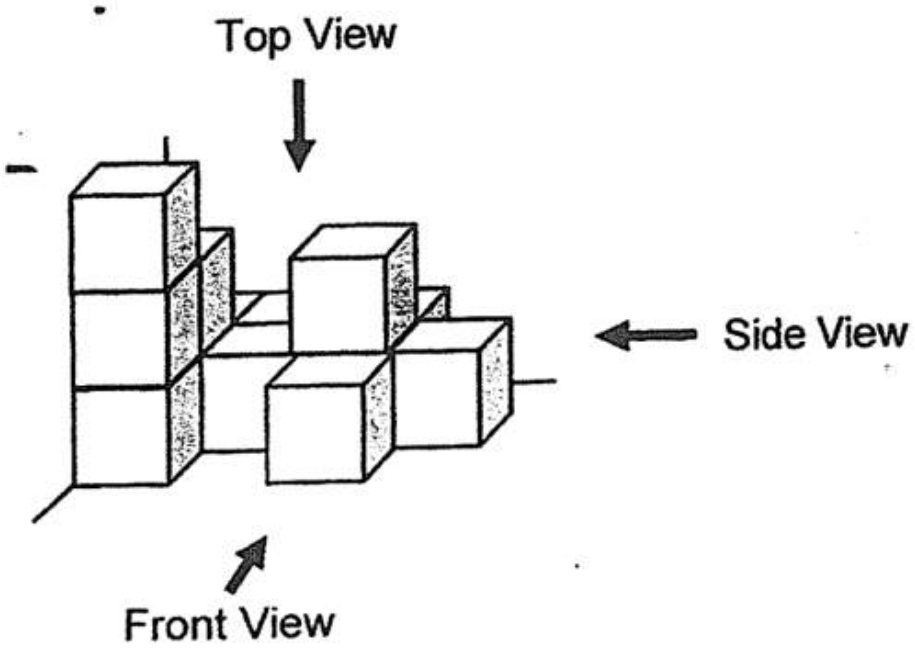
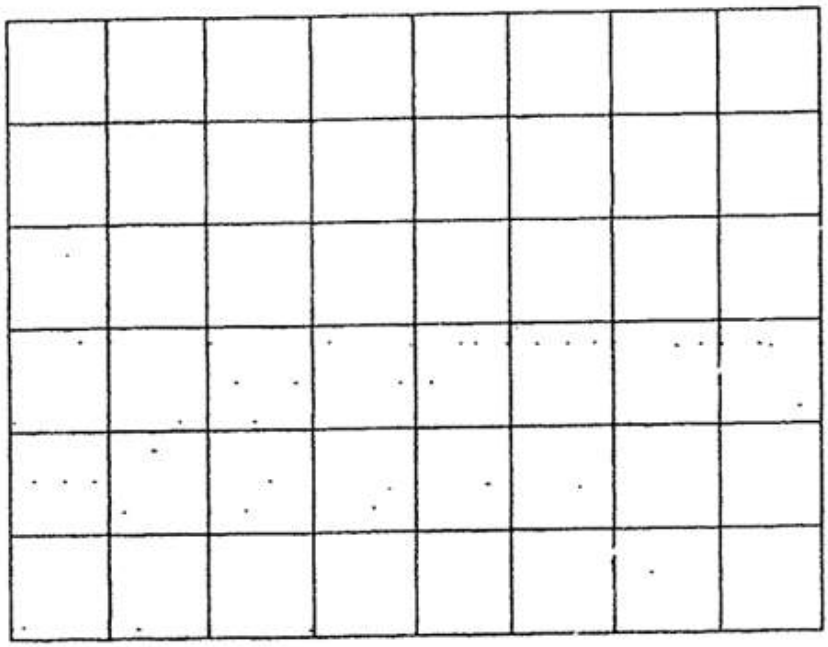


Figure A

Draw the side view of the solid given below in the square grid.





Please type "done" to proceed to the next question

Question 32 of 55

Primary 5 Maths (Term 4) 2 pts

The table below shows the charges for a taxi ride.

First kilometre and up to the tenth kilometre	25 cents for every 400 metre or part thereof
After the tenth kilometre	30 cents for every 300 metre or part thereof

There is a fee of $3.50 when a person boards the taxi. Peter boarded a taxi and travelled a distance of 8 km. How much did he pay for the ride in total?

Question 33 of 55

Primary 5 Maths (Term 4) 2 pts

Eason has 3 cards, each with a different whole number printed on it. When he multiplies 2 numbers at a time, he gets the answer 24, 48, and 72. What is the answer when he multiplies all 3 number on the cards together?

Question 34 of 55

Primary 5 Maths (Term 4) 2 pts

The table below shows the number of students who visited a bookshop from Monday to Friday in a week.

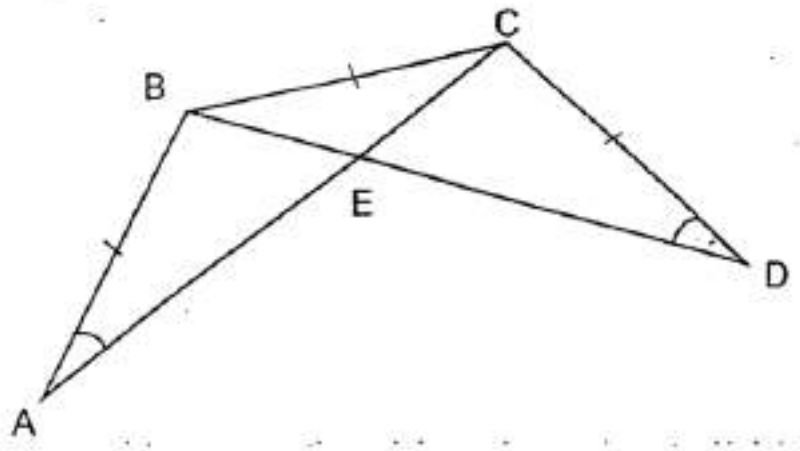
Monday	Tuesday	Wednesday	Thursday	Friday
82	96	60	70	?

The average number of students who visited the bookshop from Monday to Friday in that week was 74. How many students visited the bookshop on Friday?

Question 35 of 55

Primary 5 Maths (Term 4) 2 pts

In the figure below, AEC and BED are straight lines. AB = BC = CD. ∠BAC is greater than 30° and ∠BEC is an obtuse angle.



Each statement below is true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

a) Triangle BCD is an equilateral triangle

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

Question 36 of 55

Primary 5 Maths (Term 4) 2 pts

Angel BAC = Angel CDB

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

Question 37 of 55

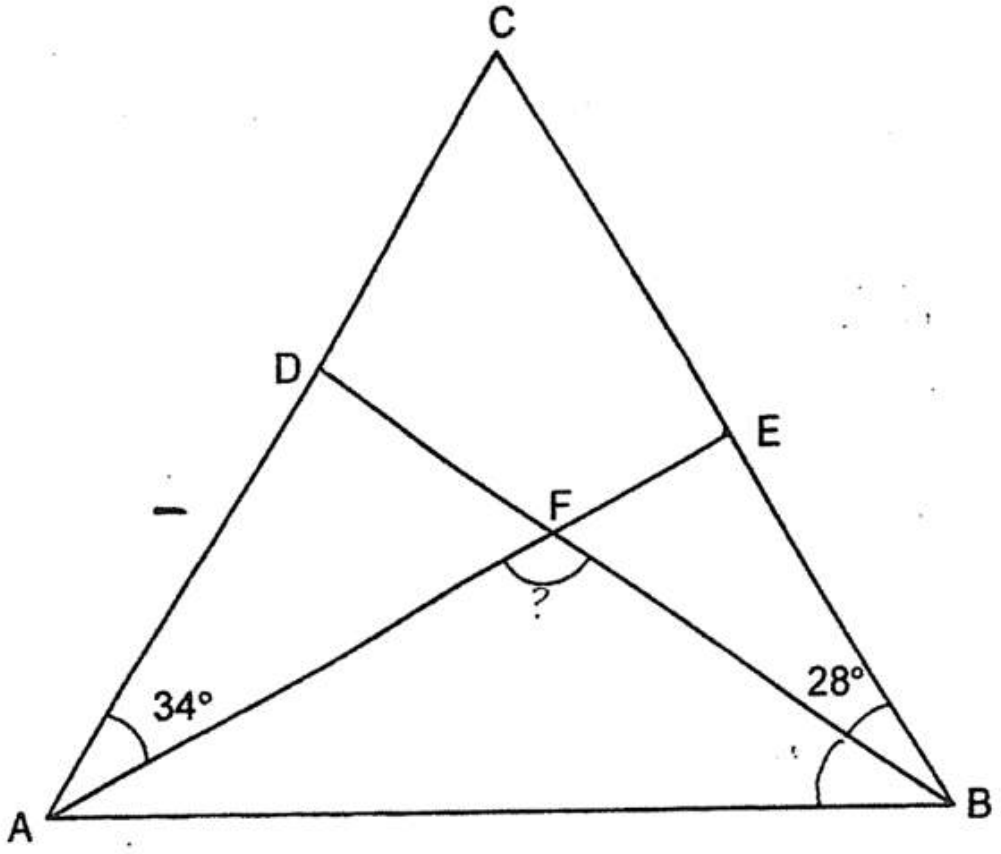
Primary 5 Maths (Term 4) 2 pts

Mdm Rani baked some cookies and puffs. $\frac{2}{7}$ of what she had baked were cookies. $\frac{3}{4}$ of the cookies and $\frac{1}{6}$ of the puffs were sold. If the total number of cookies and puffs left was 64, how many cookies and puffs did she bake altogether?

Question 38 of 55

Primary 5 Maths (Term 4) 2 pts

Triangle ABC is an equilateral triangle. AE and BD are straight lines. Find ∠AFB.



Question 39 of 55

Primary 5 Maths (Term 4) 2 pts

Liling has 200 pencils and Sharon has some pens. After Sharon has given 52 pens to Liling, the ratio of the number of pencils and pens Liling has to the number of pens Sharon has is 4:1.

a) What was the total number of pens and pencils Liling had in the end?

Question 40 of 55

Primary 5 Maths (Term 4) 2 pts

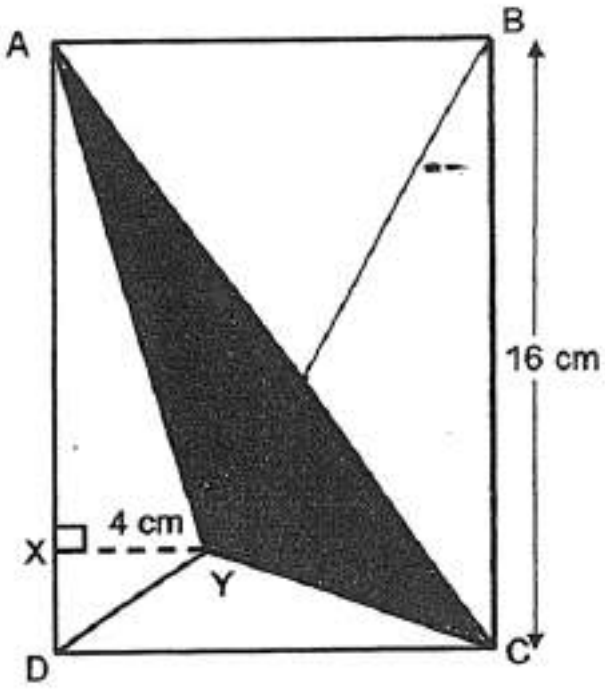
b) What was the total number of pens and pencils Liling and Sharon had?

Question 41 of 55

Primary 5 Maths (Term 4) 2 pts

Joel has a bag of sugar, a bag of flour and a bag of milk powder. He weighs only 2 bags at a time. The total mass of the sugar and flour is 5.7 kg. The total mass of the flour and milk powder is 6 kg. The total mass of the sugar and milk powder is 340 g. What is the total mass of the bags of sugar, flour and milk powder in kilograms?

The figure below shows a rectangle ABCD. BC is 16 cm and XY is 4 cm. AY, BY, CY and DY are straight lines. The area of triangle CDY is 18 cm². The area of triangle ABY is 78 cm². Find the area of the shaded triangle ACY.

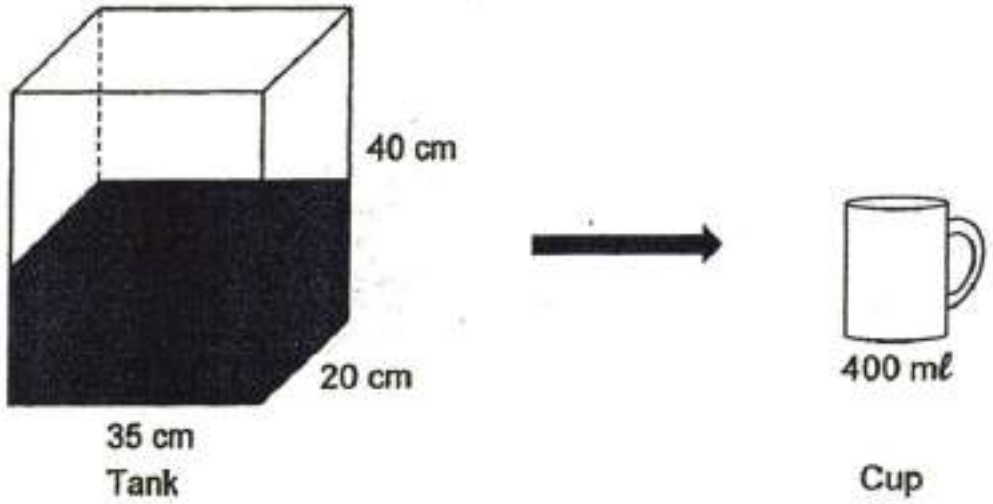


Question 43 of 55

Primary 5 Maths (Term 4) 2 pts

A rectangular tank measured 35 cm by 20 cm by 40 cm was $\frac{2}{5}$ filled with water. All the water was then poured into some cups. Each cup had a capacity of 400 mℓ.

(a) What was the volume of the water in the tank?



Question 44 of 55

Primary 5 Maths (Term 4) 2 pts

b) How many of such cups were filled completely?

Question 45 of 55

Primary 5 Maths (Term 4) 2 pts

A box of cookies cost $3. A free box of cookies was given for every purchase of 3 boxes of cookies. Don spent $240 buying some boxes of cookies.

a) How many boxes of cookies did Don buy?

Question 46 of 55

Primary 5 Maths (Term 4) 2 pts

b) There were 12 cookies in each box. Don opened all the boxes and repacked the cookies into containers. There were 9 cookies in each container. How many containers did he use to pack all the cookies?

Question 47 of 55

Primary 5 Maths (Term 4) 2 pts

Minah bought some books at an average price of $22 each. Then she bought another 2 books for $46 each and the average price become $28. How many books did she buy altogether?

Question 48 of 55

Primary 5 Maths (Term 4) 2 pts

Jun Xiang received 4 coins from his mother every day. Each coin was either a 10¢ or a 50¢ coin. Jun Xiang gave his younger sister two 50¢ coins every 5 days. The total value of his coins after 60 days was $96.

(a) How many coins did Jun Xiang have in the end?

Question 49 of 55

Primary 5 Maths (Term 4) 2 pts

b) How many of the coins in the end were 50 cents coins?

Question 50 of 55

Primary 5 Maths (Term 4) 2 pts

The table below shows the prices of some items sold in a bookshop.

Item	Price ($)
Calculator	$21
Protractor	$0.40
Coloured pen (one box)	$16
Highlighters (1 set of 6 pieces)	$10.20

There was a storewide discount of 10% on all items in the bookshop. Weiming bought a calculator, 3 protractors and 2 sets of highlighters.

(a) What was the total price of the items Weiming had bought after discount?

Question 51 of 55

Primary 5 Maths (Term 4) 2 pts

b) Inclusive of 7% of GST, how much did Weiming pay for the items? Give your answer correct to the nearest dollar?

Question 52 of 55

Primary 5 Maths (Term 4) 2 pts

Alynna signed up for a KTel monthly mobile subscription plan as shown below:

Usage	Rate
Outgoing call first 100 minutes	FREE
Outgoing call after first 100 minutes	15 cents per minute
Data usage charges for first 1 GB	FREE
Data usage charges after first 1 GB	$8.50 per GB

(a) How much would Alynna have to pay if she made a total of 238 minutes of outgoing call?

Question 53 of 55

Primary 5 Maths (Term 4) 2 pts

b) How much data did Alynna use in all if she had to pay $25.50 for the data charges?

Question 54 of 55

Primary 5 Maths (Term 4) 2 pts

Tom worked for a week from Monday to Friday and was paid \$7 per hour. He used $\frac{3}{5}$ of the money he earned and an additional \$36 to buy some books. He spent $\frac{1}{2}$ of the remaining money and an additional \$20 on some stationery. He saved the \$32 that was left.

(a) How much did he spend on the stationery?

Question 55 of 55

Primary 5 Maths (Term 4) 2 pts

b) What was the total number of hours he had worked from Monday to Friday?