

Test: Primary 5 Maths (Term 4) - Henry Park (2020)

Points: 100 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 56

Primary 5 Maths (Term 4) 1 pt

What is the value of digit 1 in 915 482?

- ☐ A) 10
- ☐ B) 100
- ☐ C) 1000
- ☐ D) 10 000

Question 2 of 56

Primary 5 Maths (Term 4) 1 pt

Mrs Tay baked 204 cookies. After giving 6 cookies to each of her students, she had 12 cookies left. How many students did Mrs Tay give the cookies to?

- ☐ A) $204 - 12 \div 6$
- ☐ B) $204 + 12 \div 6$
- ☐ C) $(204 - 12) \div 6$
- ☐ D) $(204 + 12) \div 6$

Question 3 of 56

Primary 5 Maths (Term 4)

1 pt

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

- ☐ A) $\frac{1}{2}$
- ☐ B) $\frac{1}{12}$
- ☐ C) $\frac{3}{8}$
- ☐ D) $\frac{5}{8}$

Question 4 of 56

Primary 5 Maths (Term 4)

1 pt

Samuel spent $\frac{2}{5}$ of his salary and gave $\frac{1}{3}$ of his remaining salary to his wife.
What fraction of his salary did Samuel have left?

- ☐ A) $\frac{1}{5}$
- ☐ B) $\frac{2}{5}$
- ☐ C) $\frac{2}{15}$
- ☐ D) $\frac{4}{15}$

Question 5 of 56

Primary 5 Maths (Term 4)

1 pt

There are 16 sweets and 32 lollipops in a basket. What is the ratio of the number of lollipops to the total number of sweets and lollipops?

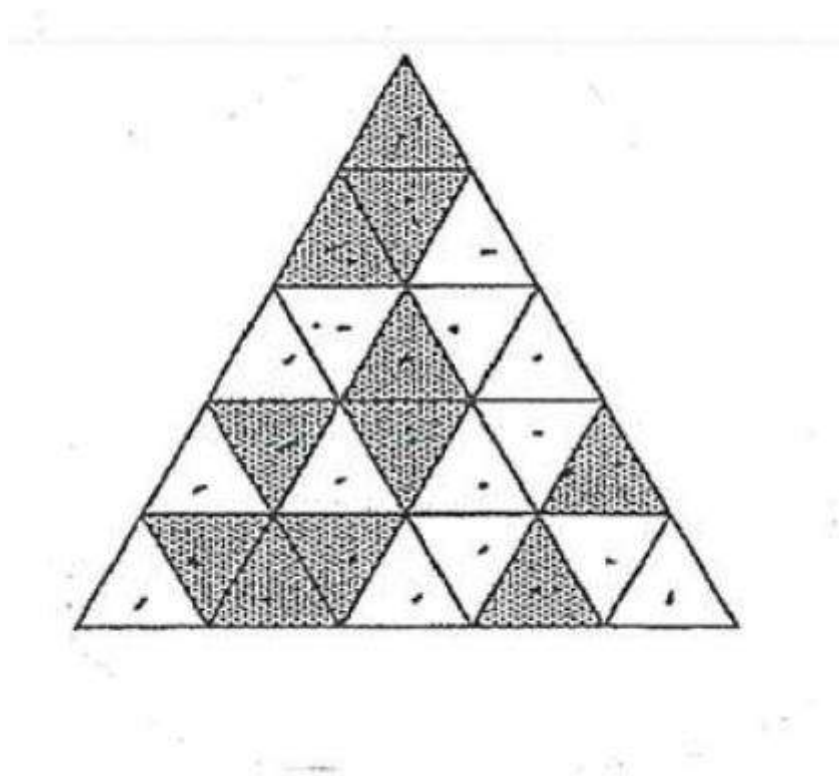
- ☐ A) 1 : 3
- ☐ B) 2 : 3
- ☐ C) 3 : 1
- ☐ D) 3 : 2

Question 6 of 56

Primary 5 Maths (Term 4)

1 pt

What percentage of the figure is shaded?



- ☐ A) 11%
- ☐ B) 25%
- ☐ C) 44%
- ☐ D) 55%

Question 7 of 56

Primary 5 Maths (Term 4)

1 pt

A photocopier can print 9000 pages per hour. How many pages can the photocopier print in 30 minutes?

- ☐ A) 150
- ☐ B) 450
- ☐ C) 2700
- ☐ D) 4500

Question 8 of 56

Primary 5 Maths (Term 4)

1 pt

Hafif watched a movie at a cinema that lasted for 1 h 35 min. The movie started at 11.45 a.m. What time did the movie end?

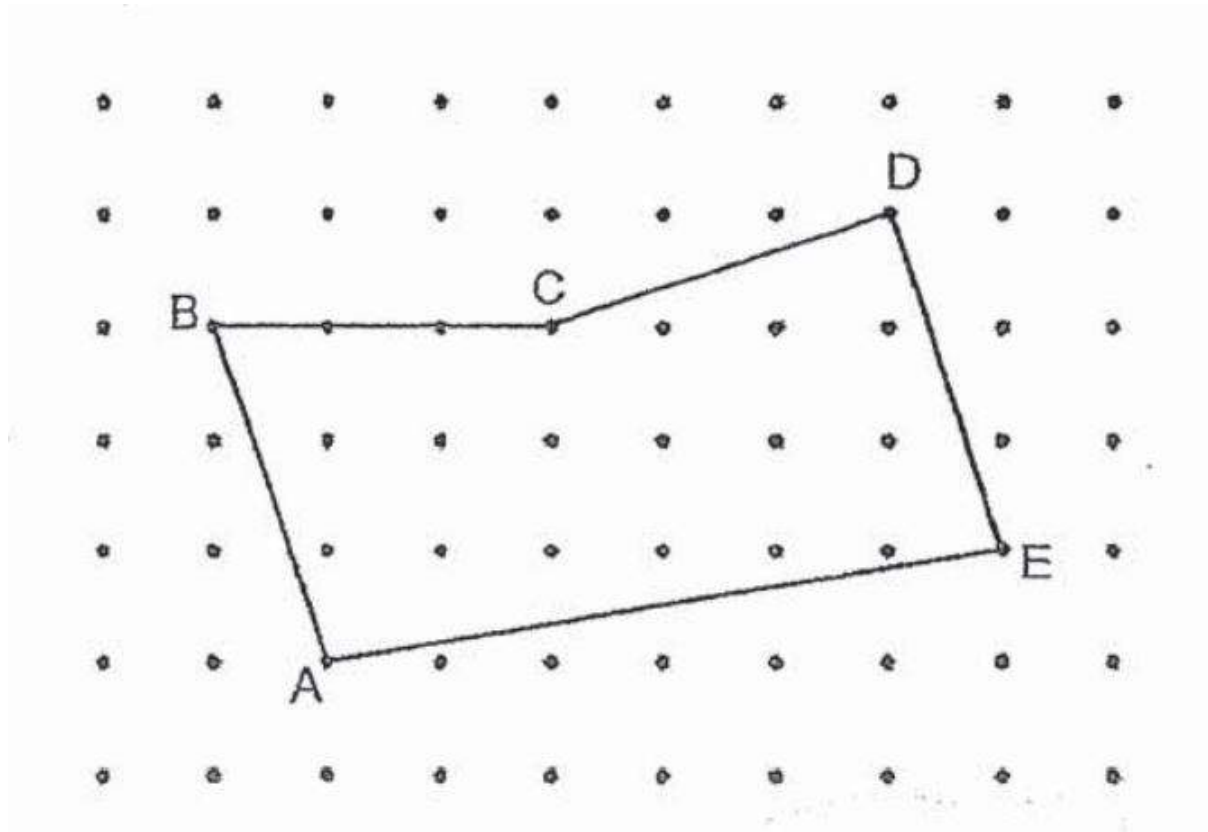
- ☐ A) 1.20 p.m.
- ☐ B) 12.20 p.m.
- ☐ C) 3.20 p.m.
- ☐ D) 10.10 a.m.

Question 9 of 56

Primary 5 Maths (Term 4)

1 pt

A figure is drawn in a square grid below. Which two lines are perpendicular to each other?



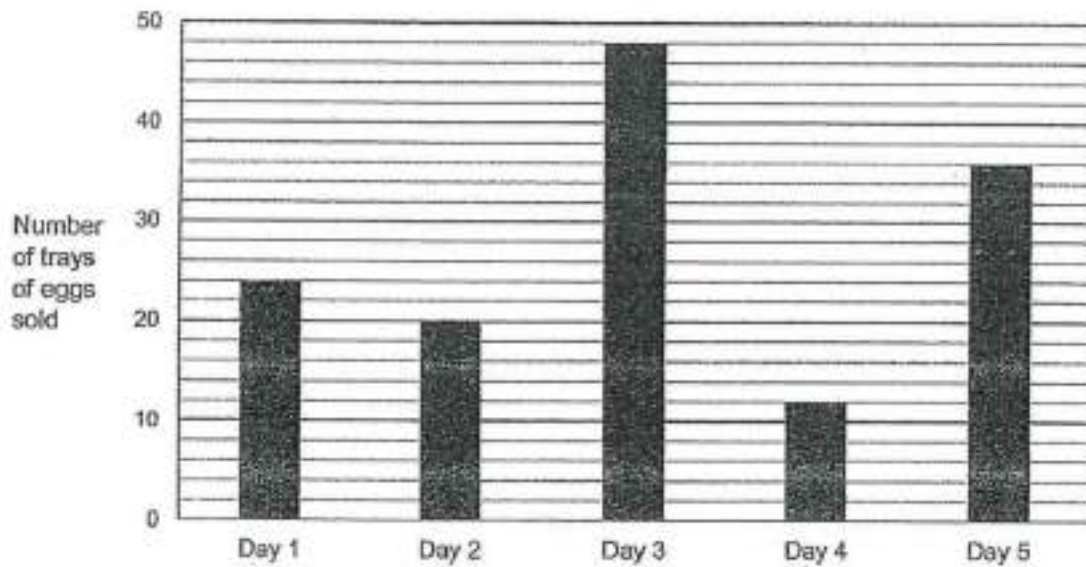
- ☐ A) AB and AE
- ☐ B) AB and DE
- ☐ C) AE and DE
- ☐ D) CD and DE

Question 10 of 56

Primary 5 Maths (Term 4)

1 pt

Mr Lim had 200 trays of eggs for sale in his grocery store over five days. The bar graph below shows the number of trays of eggs sold at the end of each day.



How many trays of eggs were sold altogether in the five days?

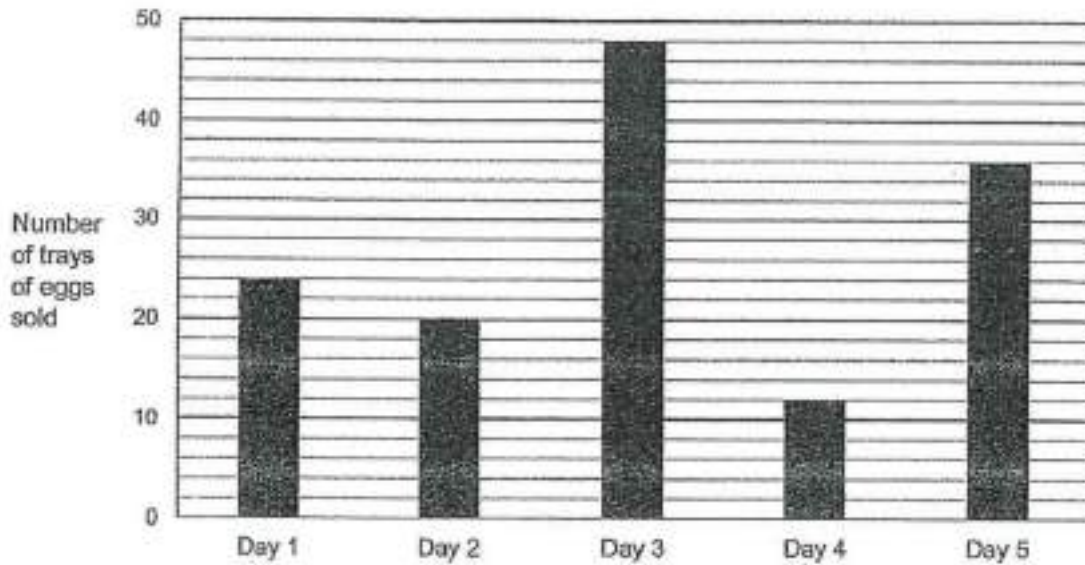
- ☐ A) 130
- ☐ B) 135
- ☐ C) 140
- ☐ D) 150

Question 11 of 56

Primary 5 Maths (Term 4)

2 pts

Mr Lim had 200 trays of eggs for sale in his grocery store over five days. The bar graph below shows the number of trays of eggs sold at the end of each day.



What percentage of the total number of trays of eggs were left unsold at the end of the five days?

- ☐ A) 25%
- ☐ B) 30%
- ☐ C) 35%
- ☐ D) 70%

Question 12 of 56

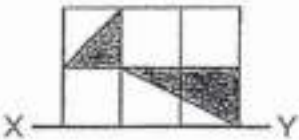
Primary 5 Maths (Term 4)

2 pts

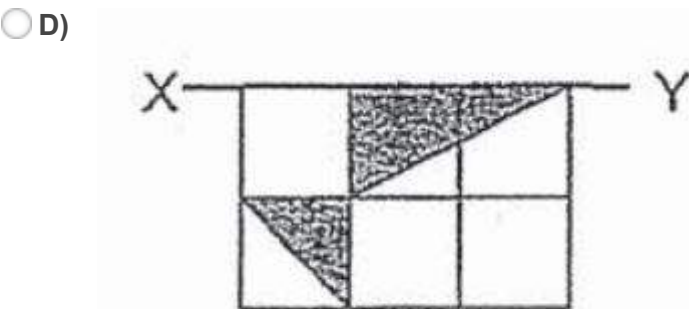
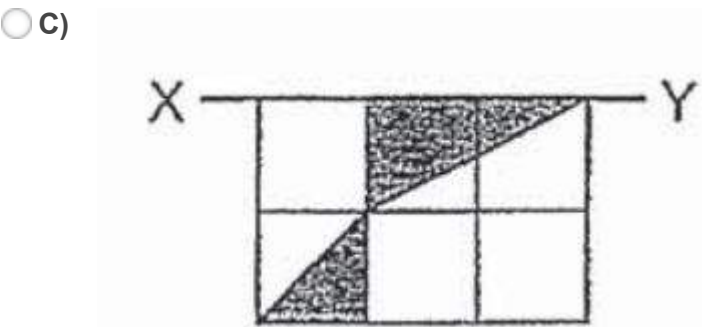
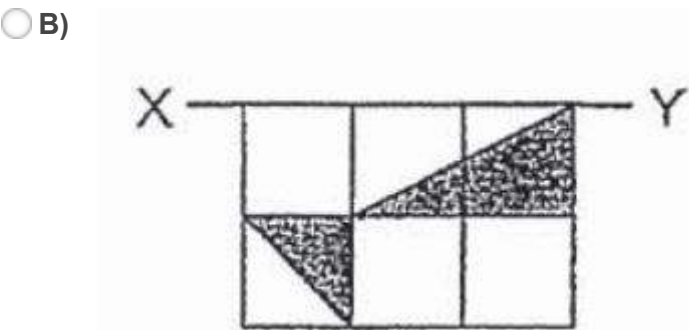
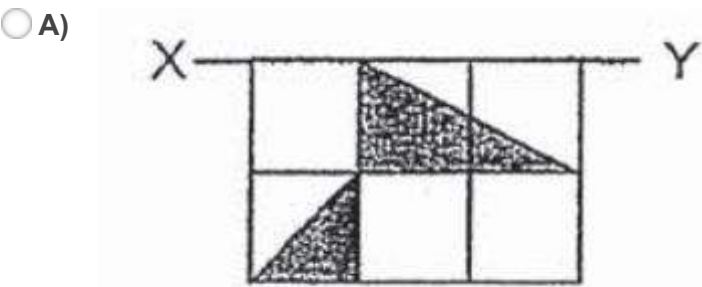
A ribbon was cut into two pieces in the ratio 2 : 5. The difference in length between the two pieces was 15 cm. What was the length of the ribbon before it was cut?

- ☐ A) 25 cm
- ☐ B) 35 cm
- ☐ C) 45 cm
- ☐ D) 75 cm

The figure below shows the top half of a symmetric figure. XY is the line of symmetry.



Which one of the following completes the symmetric figure?



Question 14 of 56

Primary 5 Maths (Term 4)

2 pts

Last year, Raine completed a race in 42.4 seconds. This year, she completed the same race 6.7 seconds faster. How long did she take to complete the race this year? Round your answer to the nearest second.

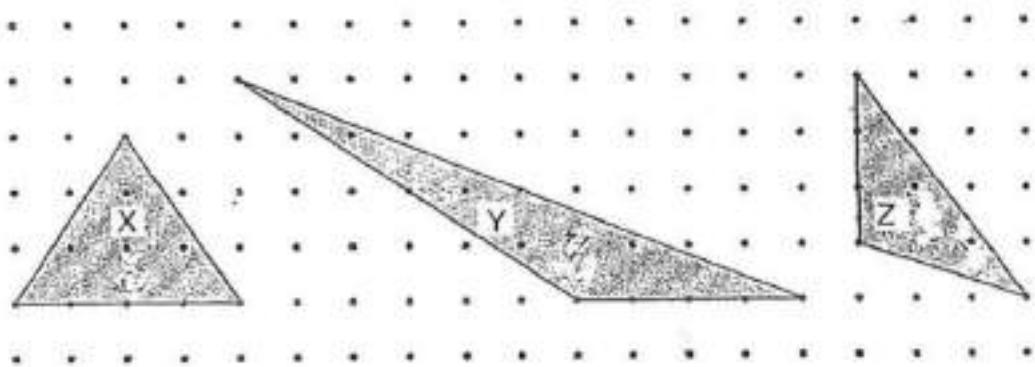
- ☐ A) 35 seconds
- ☐ B) 36 seconds
- ☐ C) 49 seconds
- ☐ D) 50 seconds

Question 15 of 56

Primary 5 Maths (Term 4)

2 pts

Three triangles, X, Y and Z, are drawn in the square grid below.



Arrange X, Y and Z from the smallest area to the largest area.

- ☐ A)

Smallest		Largest
X	Z	Y
- ☐ B)

Smallest		Largest
Y	X	Z
- ☐ C)

Smallest		Largest
Z	X	Y
- ☐ D)

Smallest		Largest
Z	Y	X

Question 16 of 56

Primary 5 Maths (Term 4)

1 pt

Find the value of $30 - (6 + 12) \div 3 \times 2$.

Question 17 of 56

Primary 5 Maths (Term 4)

1 pt

Ray listed the common factors of 24 and 36 below.

1, 2, 4, 6

He missed out two common factors. What are the two missing factors?

Question 18 of 56

Primary 5 Maths (Term 4)

1 pt

Write down one decimal between 2.1 and 2.11

Question 19 of 56

Primary 5 Maths (Term 4)

1 pt

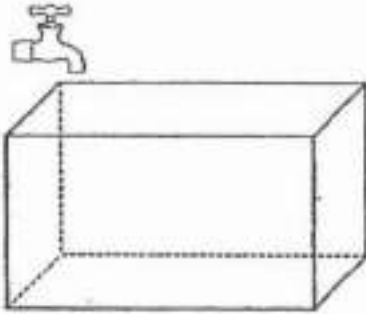
Express $\frac{9}{200}$ as a percentage.

Question 20 of 56

Primary 5 Maths (Term 4)

1 pt

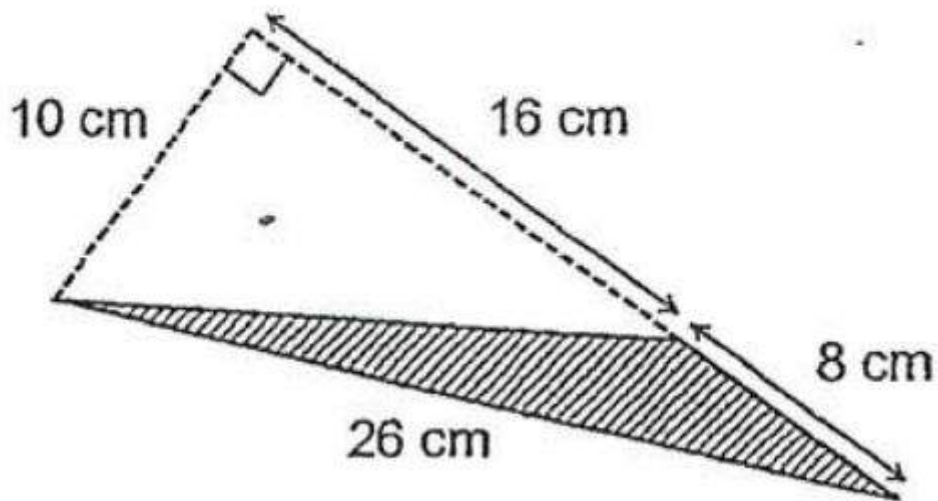
The figure below shows an empty tank below a tap. It takes 12 min to fill the tank completely with the tap turned on. What fraction of the tank will be filled in 4 minutes?

**Question 21 of 56**

Primary 5 Maths (Term 4)

2 pts

Find the area of the shaded triangle.



Question 22 of 56

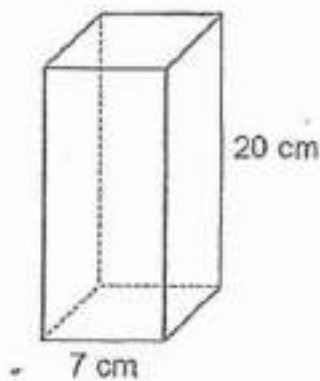
Primary 5 Maths (Term 4) 2 pts

There are 40 beads in a box. 25% of the beads are red, 30% of the beads are blue and the remaining beads are yellow. How many yellow beads are there?

Question 23 of 56

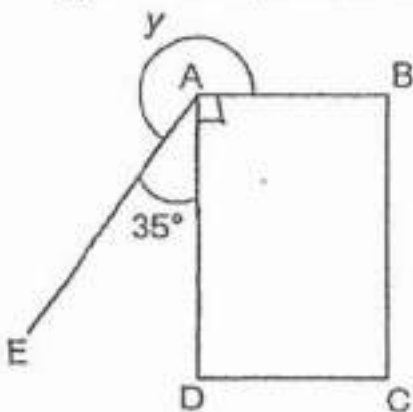
Primary 5 Maths (Term 4) 2 pts

The figure shows a cuboid with a square base of side 7 cm and a height of 20 cm. What is the volume of the cuboid?

**Question 24 of 56**

Primary 5 Maths (Term 4) 2 pts

In the figure shown, ABCD is a rectangle and $\angle EAD = 35^\circ$. Find $\angle y$.



Question 25 of 56

Primary 5 Maths (Term 4)

2 pts

The table shows the airmail rates for sending letters to Malaysia.

Mass step not over	Rate
50 g	\$0.90
100 g	\$1.30
Per additional 50 g	\$0.50

Ramesh sent a letter weighing 260 g to Malaysia by airmail. How much did he pay?

Question 26 of 56

Primary 5 Maths (Term 4)

2 pts

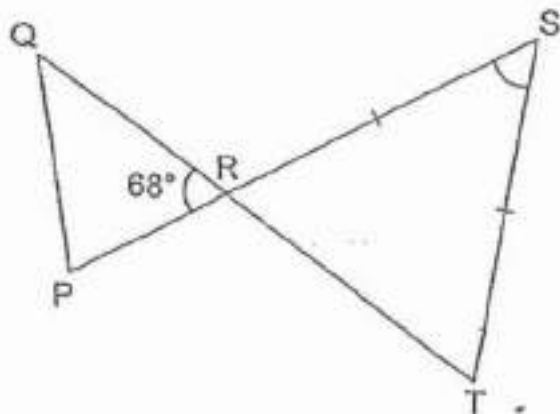
Mrs Lim used 2.5 kg of flour to bake a cake and 2.12 kg of flour to bake 12 muffins. What is the total mass of flour (in kg) needed to bake 2 such cakes and 6 such muffins?

Question 27 of 56

Primary 5 Maths (Term 4)

2 pts

In the figure, PQR and RST are triangles. $RS = ST$. PRS and QRT are straight lines. $\angle PRQ = 68^\circ$. Find $\angle RST$.

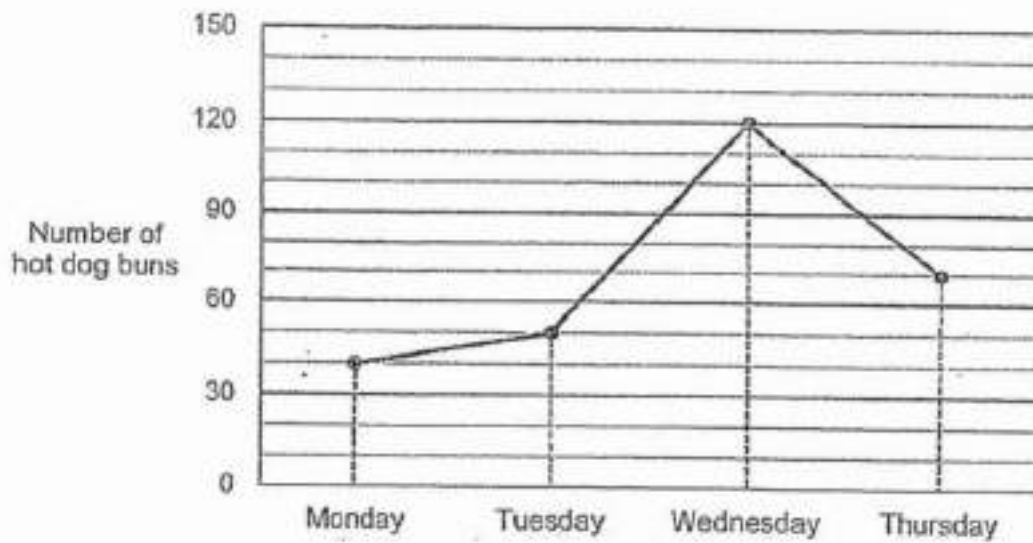


Question 28 of 56

Primary 5 Maths (Term 4)

2 pts

The line graph below shows the number of hot dog buns sold from Monday to Thursday.



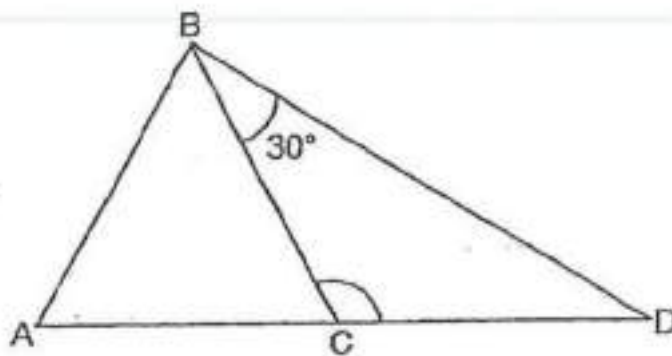
Express the number of hot dog buns sold on Wednesday as a fraction of the total number of hot dog buns sold. Leave your answer in the simplest form.

Question 29 of 56

Primary 5 Maths (Term 4)

1 pt

The figure below is not drawn to scale.
ABC is an equilateral triangle, ACD is a straight line and $\angle CBD = 30^\circ$.



Find Angle BCD.

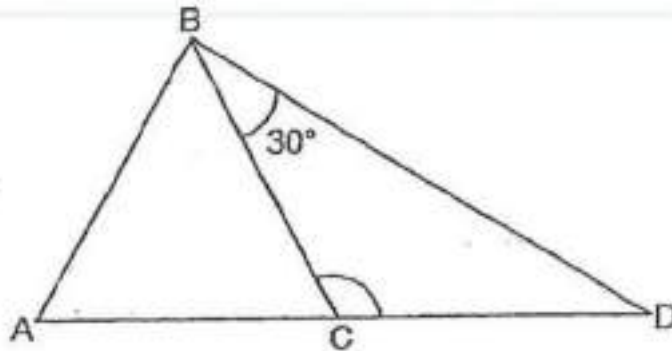
Question 30 of 56

Primary 5 Maths (Term 4)

1 pt

The figure below is not drawn to scale.

ABC is an equilateral triangle, ACD is a straight line and $\angle CBD = 30^\circ$.



Choose the words that describe triangle BCD correctly in the following statement:

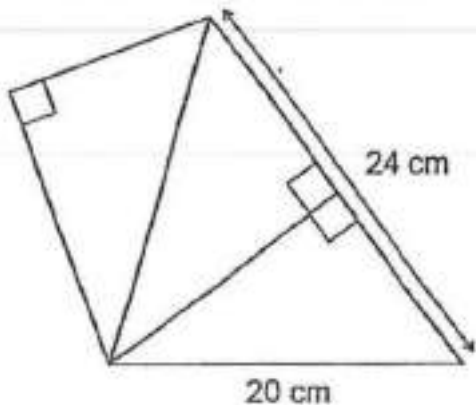
1. ☐ Triangle BCD _____ an isosceles triangle because A. is
2. ☐ Angle CBD _____ equal to Angle BDC. B. is not

Question 31 of 56

Primary 5 Maths (Term 4)

2 pts

Nicole cut out three identical right-angled triangles. She joined them to form the figure shown below. The perimeter of the figure is 72 cm. Find the area of one such right-angled triangle.



Question 32 of 56

Primary 5 Maths (Term 4) 2 pts

What is the price of the television set after adding 7% GST?

**Question 33 of 56**

Primary 5 Maths (Term 4) 2 pts

The ratio of the number of cookies to the number of pies in a bakery is 5 : 7. Given that there are 126 pies, how many more cookies must be baked so that there is an equal number of cookies and pies in the bakery?

Question 34 of 56

Primary 5 Maths (Term 4) 2 pts

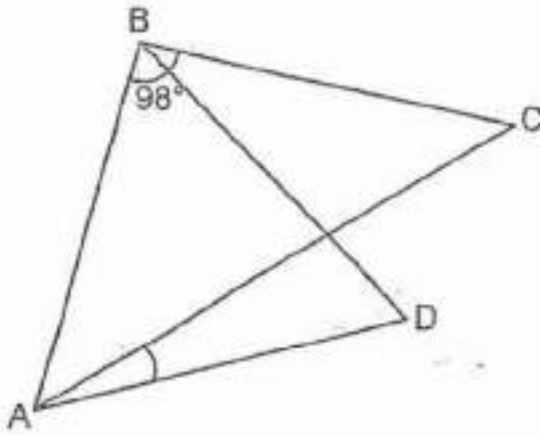
Vikram bought some red, blue and purple markers. $\frac{1}{4}$ of them were red markers and $\frac{4}{9}$ of them were blue markers. Given that Vikram bought 154 purple markers, how many markers did he buy in all?

Question 35 of 56

Primary 5 Maths (Term 4)

2 pts

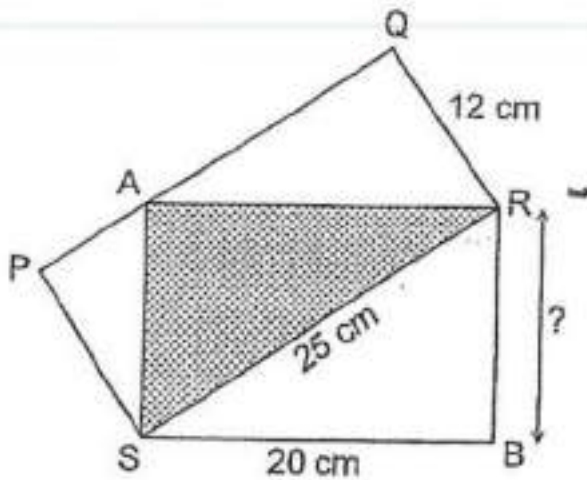
In the figure below, ABD is an equilateral triangle, ABC is an isosceles triangle where $AB = BC$ and $\angle ABC = 98^\circ$. Find $\angle CAD$.

**Question 36 of 56**

Primary 5 Maths (Term 4)

1 pt

The figure below shows two rectangles, PQRS and ARBS, where $QR = 12$ cm, $SR = 25$ cm and $SB = 20$ cm. PAQ is a straight line.



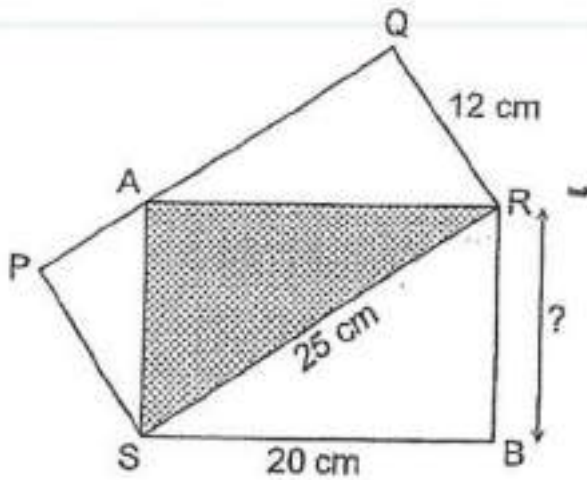
Find the area of the shaded part of the figure.

Question 37 of 56

Primary 5 Maths (Term 4)

1 pt

The figure below shows two rectangles, PQRS and ARBS, where $QR = 12\text{ cm}$, $SR = 25\text{ cm}$ and $SB = 20\text{ cm}$. PAQ is a straight line.



Find the length of RB.

Question 38 of 56

Primary 5 Maths (Term 4)

3 pts

Andy and Ben had the same number of cards. Andy gave 96 cards to his friends and Ben gave 44 cards to his cousins. At the end, Ben had thrice as many cards left as Andy. How many cards did each of them have at first?

Question 39 of 56

Primary 5 Maths (Term 4)

1 pt

Greg, Sue and Jonas had some stamps. Jonas had seven times as many stamps as Sue. The ratio of the total number of stamps Greg and Sue had to the total number of stamps Sue and Jonas had was 5 : 8.

Find the ratio of the number of stamps Greg had to the number of stamps Sue had to the number of stamps Jonas had.

Question 40 of 56

Primary 5 Maths (Term 4) 2 pts

Greg, Sue and Jonas had some stamps. Jonas had seven times as many stamps as Sue. The ratio of the total number of stamps Greg and Sue had to the total number of stamps Sue and Jonas had was 5 : 8.

Given that Jonas had 72 more stamps than Sue, how many stamps did Greg have?

Question 41 of 56

Primary 5 Maths (Term 4) 1 pt

The table shows the rate a shop charges for renting a bicycle.

	Rate
First 1 hour	\$15
Every additional $\frac{1}{2}$ hour or part thereof	\$5

Farhan rented a bicycle for 2 hours. How much did he pay?

Question 42 of 56

Primary 5 Maths (Term 4) 2 pts

The table shows the rate a shop charges for renting a bicycle.

	Rate
First 1 hour	\$15
Every additional $\frac{1}{2}$ hour or part thereof	\$5

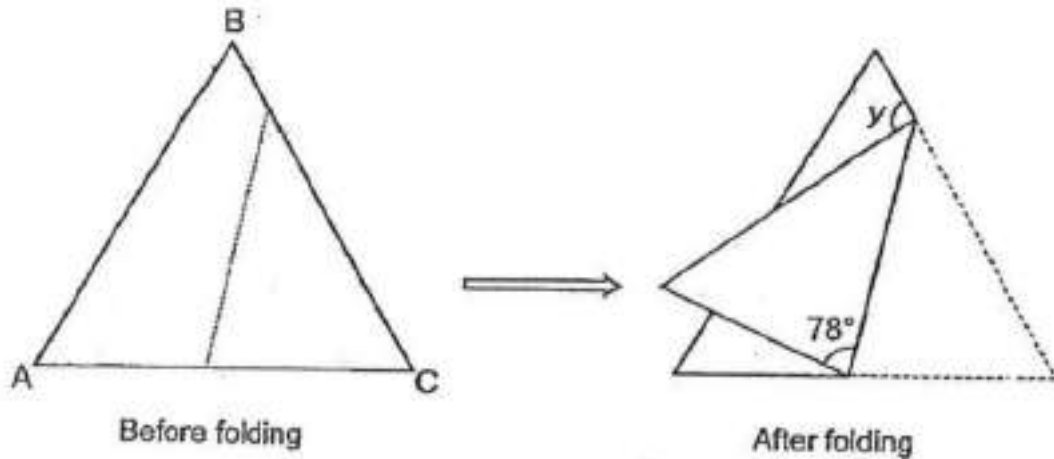
Lisa rented a bicycle. She paid \$65 for the rental charges. Given that she returned the bicycle to the shop at 2.30 p.m., what would be the earliest time she started renting the bicycle?

Question 43 of 56

Primary 5 Maths (Term 4)

3 pts

Sarah has a triangular piece of paper ABC where $AB = BC = AC$. She folded it along the dotted line as shown below. Find $\angle y$.

**Question 44 of 56**

Primary 5 Maths (Term 4)

2 pts

The table below shows the amount of money earned by a private-hire driver from Monday to Friday.

Monday	Tuesday	Wednesday	Thursday	Friday
\$60	\$240	\$110	\$90	\$350

What is the average amount of money that the driver earned from Monday to Friday?

Question 45 of 56

Primary 5 Maths (Term 4) 2 pts

The table below shows the amount of money earned by a private-hire driver from Monday to Friday.

Monday	Tuesday	Wednesday	Thursday	Friday
\$60	\$240	\$110	\$90	\$350

The average amount of money that the driver earned on Saturday and Sunday was \$87 more than the average amount of money that he earned from Monday to Friday.

Write down one possible set of values for the amount of money that he earned on Saturday and Sunday.

Question 46 of 56

Primary 5 Maths (Term 4) 3 pts

Daisy has the same number of small and large pots. Each small pot weighs 1.05 kg less than each large pot. The total mass of all the large pots is 32.3 kg and the total mass of all the small pots is 14.45 kg. What is the mass of each large pot?

Question 47 of 56

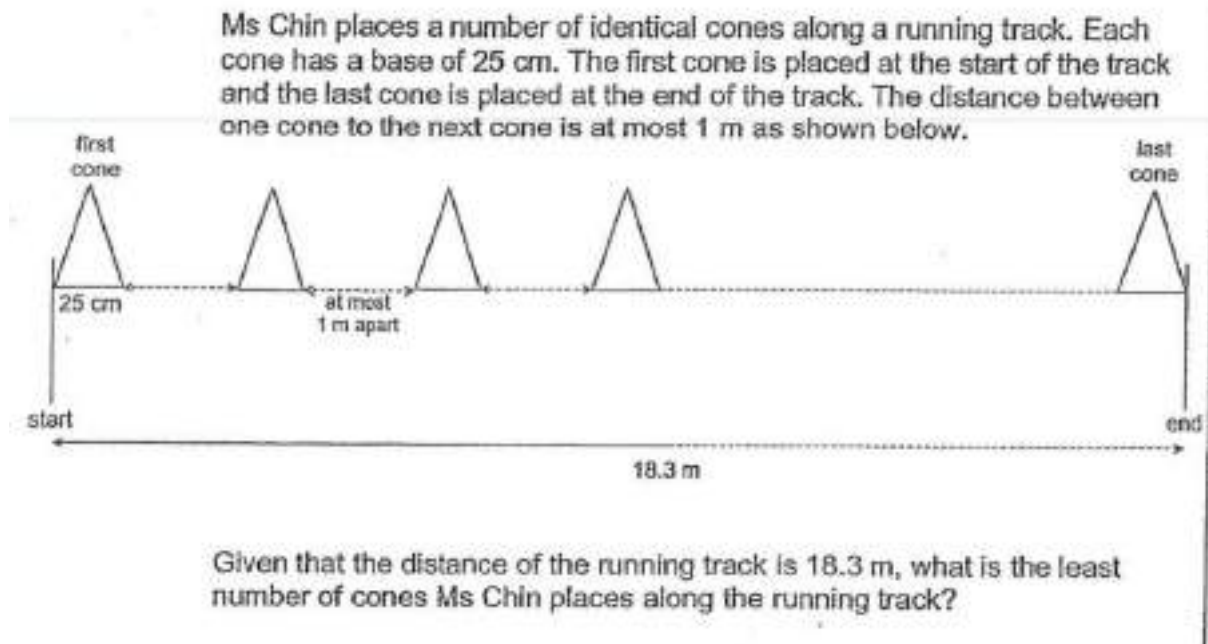
Primary 5 Maths (Term 4) 5 pts

Rahim spent $\frac{1}{6}$ of his money on appliances and an additional \$3500 on furniture. He spent $\frac{7}{8}$ of the remaining money on renovation. In the end, he had \$2900 left. How much money did Rahim have at first?

Question 48 of 56

Primary 5 Maths (Term 4)

3 pts

**Question 49 of 56**

Primary 5 Maths (Term 4)

1 pt

Sam paid \$216 for 3 similar pairs of pants and 5 similar shirts. He could not buy another pair of similar pants with his remaining money as he was short of \$15. Instead, he bought another similar shirt and had \$9 left.

How much more did each pair of pants cost than each shirt?

Question 50 of 56

Primary 5 Maths (Term 4)

4 pts

Sam paid \$216 for 3 similar pairs of pants and 5 similar shirts. He could not buy another pair of similar pants with his remaining money as he was short of \$15. Instead, he bought another similar shirt and had \$9 left.

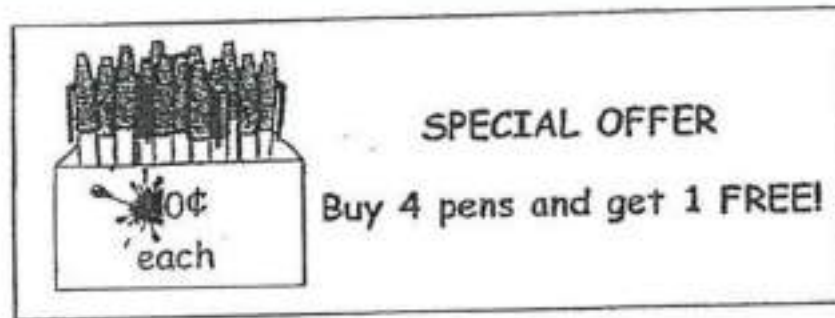
How much money did Sam have at first?

Question 51 of 56

Primary 5 Maths (Term 4)

2 pts

A bookshop is having a special offer. For every 4 pens bought, the bookshop offers 1 pen for free. The price of each pen printed in the advertisement is partly covered by a blot of ink as shown below.



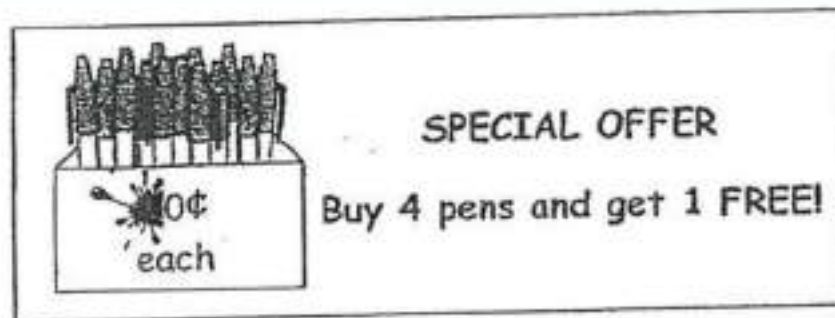
With \$8, Peter can get at most 12 pens from the bookshop. What is the price of each pen printed in the advertisement?

Question 52 of 56

Primary 5 Maths (Term 4)

3 pts

A bookshop is having a special offer. For every 4 pens bought, the bookshop offers 1 pen for free. The price of each pen printed in the advertisement is partly covered by a blot of ink as shown below.



Sally needed 32 pens. What would be the least amount of money she had to pay?

Question 53 of 56

Primary 5 Maths (Term 4) 1 pt

Ms Tan baked some chocolate and vanilla cupcakes. After she sold 224 cupcakes, she had 576 cupcakes left. She had 96 more vanilla cupcakes than chocolate cupcakes left.

How many chocolate cupcakes did she have left?

Question 54 of 56

Primary 5 Maths (Term 4) 3 pts

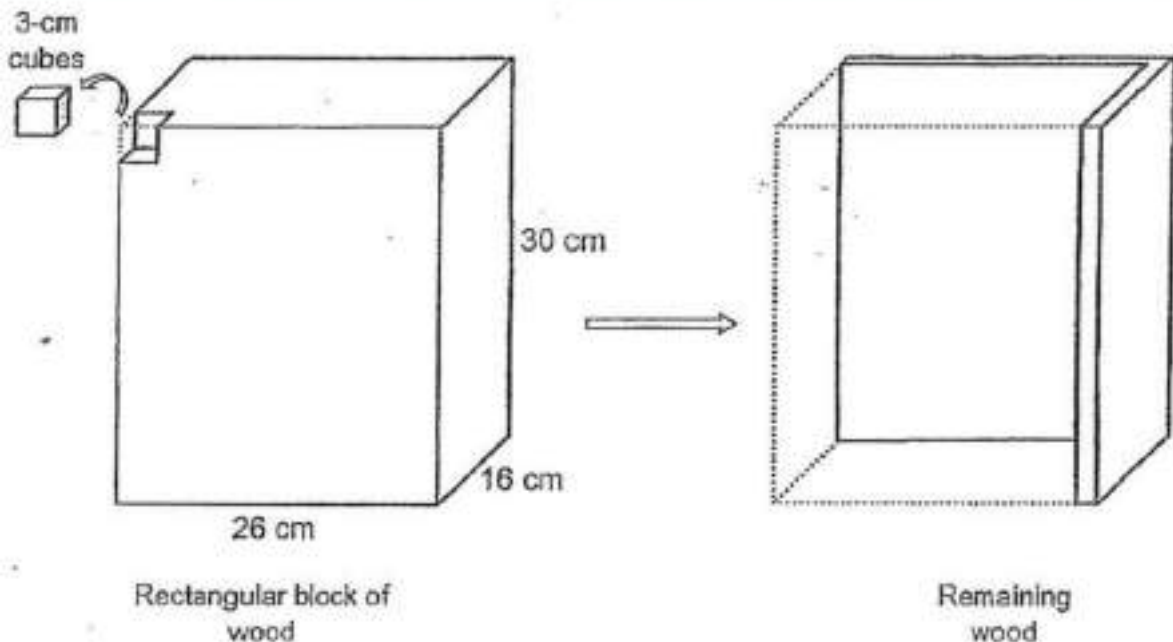
Ms Tan baked some chocolate and vanilla cupcakes. After she sold 224 cupcakes, she had 576 cupcakes left. She had 96 more vanilla cupcakes than chocolate cupcakes left.

Given that she sold $\frac{1}{4}$ of the chocolate cupcakes, what percentage of the vanilla cupcakes did she sell?

Question 55 of 56

Primary 5 Maths (Term 4) 2 pts

A carpenter had a rectangular block of wood measuring 26 cm by 16 cm by 30 cm. He cut out as many 3-cm cubes as he could from the block of wood. After that, he was left with some remaining wood as shown below.



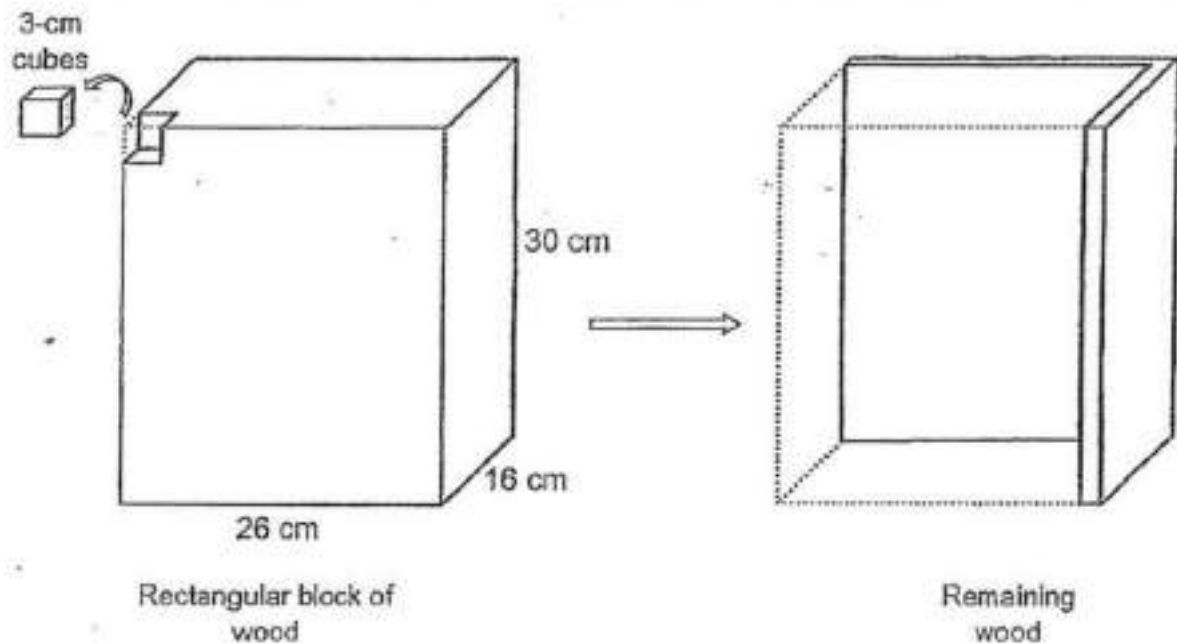
How many 3 cm cubes did he cut out from the block of wood?

Question 56 of 56

Primary 5 Maths (Term 4)

2 pts

A carpenter had a rectangular block of wood measuring 26 cm by 16 cm by 30 cm. He cut out as many 3-cm cubes as he could from the block of wood. After that, he was left with some remaining wood as shown below.



Find the volume of the remaining wood.