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Primary 6 Math (Term 4) - Henry Park (Y0)

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Test Introduction

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60 Questions (59 Points)

Question Bank: 12,655 Questions

Test Questions	0 Test Assignments
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Question 1	<i>Primary 6 Math » Primary 6 Math (Prelim)</i>	1 pt
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In 31.42, which digit is in the tenths place?

- A. 1
- B. 2
- C. 3
- ✓ D. 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,111

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Question 2	<i>Primary 6 Math » Primary 6 Math (Prelim)</i>	1 pt
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Express $1\frac{3}{50}$ as a decimal.

- ✓ A. 1.06
- B. 1.3
- C. 1.35
- D. 1.6

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,114

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Question 3

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Which of the following is closest to the number indicated by the arrow in the number line below?



- A. 123
- B. 126
- ✓ C. 127
- D. 129

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,119

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Question 4

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Andre had a number of red apples, green apples and oranges in the ratio 8:3:2. What is the ratio if the number of oranges to the total number of apples that Andre had?

- A. 2:11
- B. 2:13
- C. 11:2
- D. 13:2

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,124

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Question 5

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

On a bus, 9 of the passengers were men, 15 of the passengers were women and the rest were children. Given that 20% of the passengers were children, how many passengers were there in total on the bus?

- A. 24
- B. 30
- C. 96
- D. 120

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,131

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Question 6

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A train left Town X for Town Y. The journey took 3h 50min. The train arrived at Town Y at 11 05. What time did the train leave Town X?

- A. 07 15
- B. 08 40
- C. 08 45
- D. 08 55

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,134

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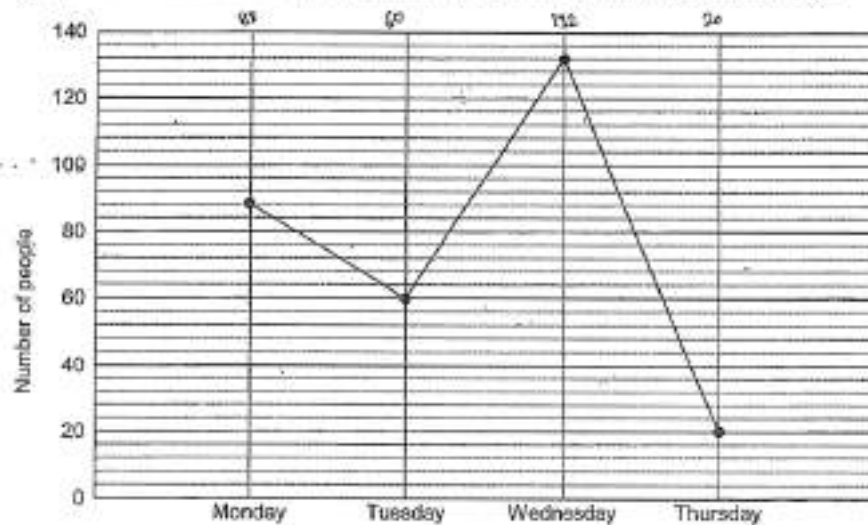
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Question 7

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The graph shows the number of people who visited a shop from Monday to Thursday.



How many people visited the shop on Monday and Tuesday?

- A. 142
- B. 144
- ✓ C. 148
- D. 154

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,138

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Question 8

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Given that a total of 104 adults visited the shop on Wednesday and Thursday, find the ratio of the number of children to the number of adults who visited the shop on these two days

- ✓ A. 6:13

- B. 6:19
- C. 13:6
- D. 13:19

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,144

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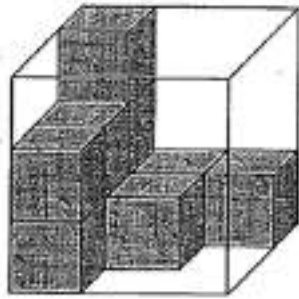
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Question 9

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below shows a plastic cubical container partly filled with unit cubes. How many more unit cubes are needed to fill the container completely?



- A. 8
- B. 10
- ✓ C. 17
- D. 19

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,152

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Question 10

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Which one the following fractions is larger than $\frac{1}{4}$?

A.

$$\frac{6}{24}$$

B.

$$\frac{5}{21}$$

✓ C.

$$\frac{4}{15}$$

D.

$$\frac{3}{13}$$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,160

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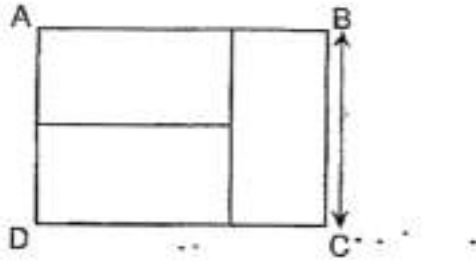
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Question 11

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, ABCD is made up of 3 identical rectangles.
The perimeter of ABCD is 60 cm. Find the length of BC.



- A. 6 cm
- ✓ B. 12 cm
- C. 18 cm
- D. 20 cm

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,165

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Question 12

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The lengths of two ribbons are in the ratio 5:3. The length of one ribbon is 30cm longer than the other.
Find the length of the shorter ribbon.

- A. 18 cm
- ✓ B. 45 cm
- C. 50 cm
- D. 75 cm

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,168

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Question 13

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

At first, Walter and Ming Ming were facing the same direction. Then, Walter turned 225 anti-clockwise to face South-West and Ming Ming turned 45 clockwise to face South-East. Which direction were Walter and Ming Ming facing at first?

- ✓ A. East
- B. North
- C. South
- D. West

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,175

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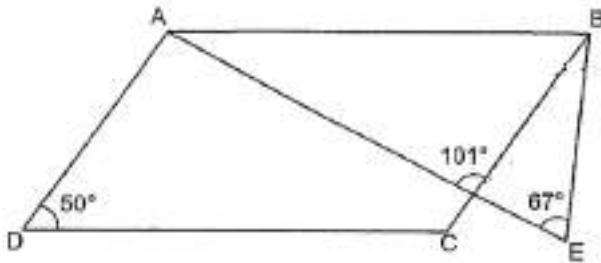
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Question 14

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, ABCD is a parallelogram and ABE is a triangle. Find $\angle ABE$.



- A. 50
- ✓ B. 84
- C. 90
- D. 94

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,179

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Question 15

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The chairs in a hall were arranged in rows. Each row had the same number of chairs. William saw on one of the chairs. There were 5 chairs to his right and 5 chairs to his left. There were 4 rows of chairs in front of him and 8 rows of chairs behind him. How many chairs were there altogether in the hall?

- A. 120
- B. 130
- C. 132
- ✓ D. 143

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,186

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 16

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Find the value of $\frac{1}{2} \div \frac{1}{10}$

Accepted answers:

- ✓ 5

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,189

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

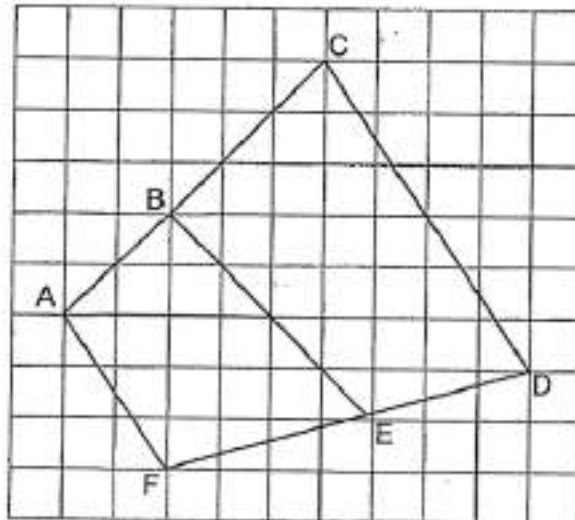
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Question 17

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, name two lines that are parallel to each other.



- A. AB
- B. AC
- C. BC
- ✓ D. CD
- E. BE
- ✓ F. AF
- G. FE
- H. ED
- I. FD

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,194

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

[Remove From Test](#)

Question 18

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A rectangular tank measures 12cm by 10cm by 9cm. What is the capacity of the tank?

Accepted answers:

- ✓ 1080cm³
- ✓ 1080 cm³
- 1080



Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,198

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 19

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Express 9 minutes as a percentage of 1 hour

Accepted answers:

- ✓ 15%
- ✓ 15 %
- ✓ 15

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,202

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 20

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Find the missing number in the box.

$$8 + \boxed{?} \div 2 = 12$$

Accepted answers:

- ✓ 8

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,206

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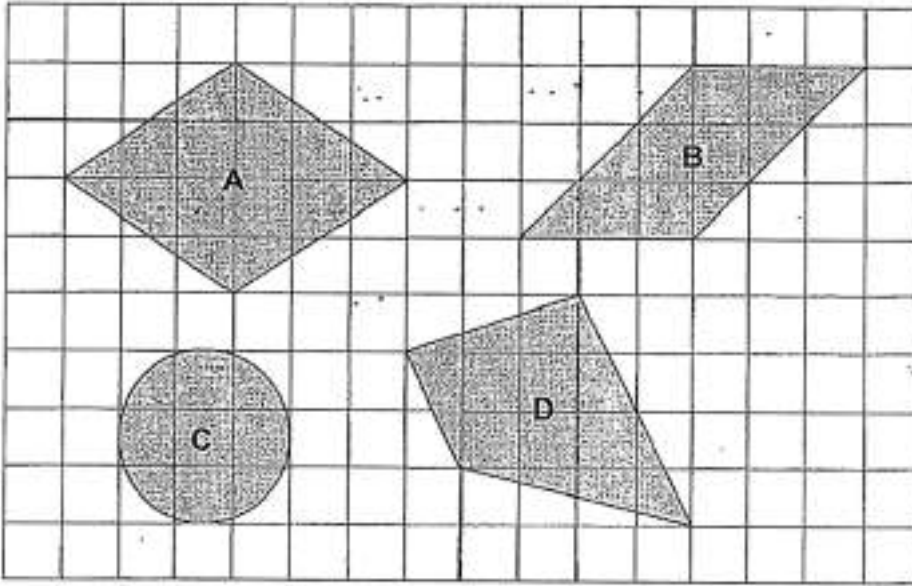
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Question 21

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Four figures, A, B, C and D are drawn on a square grid.



Name all the figures with at least one line of symmetry.

- ✓ A. A
- B. B
- ✓ C. C
- D. D

Question Type: Multiple Response
Randomize Answers: No
Grade style: Full points if all answers are correct
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,209

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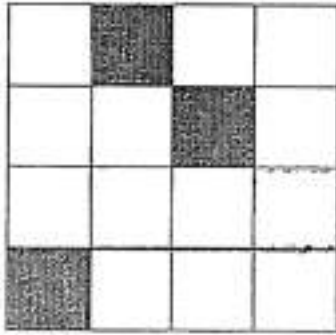
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Question 22

Primary 6 Math » Primary 6 Math (Prelim)

0 pts

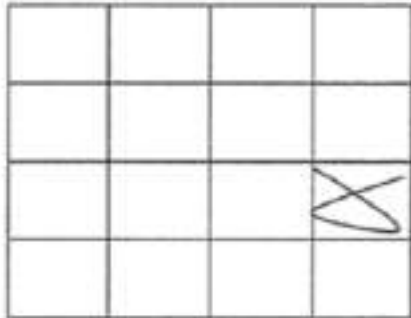
Shade one more square in the figure below to make it symmetrical.



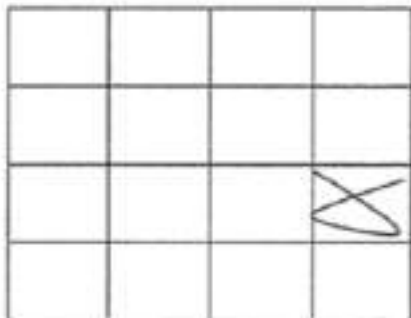
Please type "done" to proceed to the next question

Question Type: Essay
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,215

Correctly answered feedback



Incorrectly answered feedback

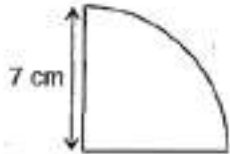


Question 23

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below shows a quarter circle of radius 7 cm. Find the perimeter of the figure. (Take $\pi = \frac{22}{7}$)



Accepted answers:

- ✓ 25cm
- ✓ 25 cm
- ✓ 25

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,311

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [↕ Reorder](#)

[Remove From Test](#)

Question 24

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Mrs Tan deposits \$4000 in XYZ Bank for one year the interest rate of 1.4% per year. How much interest will she get at the end of one year?

Accepted answers:

- ✓ \$56
- ✓ \$ 56
- ✓ 56

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,326

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [↕ Reorder](#)

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Question 25

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Ellie had $\$(y+7)$. Flora had $\$4$ less than Ellie. Gloria had $\$2y$ more than Flora.

a) Find the total amount of money the three girls had in terms of y . Express your answer in the simplest form.

Accepted answers:✓ $(5y+13)$ ✓ $5y+13$

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,340

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 26**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Given that the three girls had a total of $\$33$, find the value of y .

Accepted answers:✓ $\$4$ ✓ $\$ 4$ ✓ 4

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,344

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)**Question 27**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Ace, Ben and Charlie have some marbles. The number of marbles that Ace and Ben have is in the ratio 4:5. The total number of marbles Ace and Ben have is three times the number of marbles Charlie has. Given that Ace and Charlie have 350 marbles, how many more marbles does Ben have than Ace?

Accepted answers:✓ 50

Question Type: Free Text

Date Added: Thu 21st Oct 2021
 Last Modified: N/A
 QID#: 29,408,353

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 28

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

There are 40 pupils in class 6J. The table below shows the number of points each pupil in the class scored in the first round of a game.

Points scored	0	1	2	3	4	5
Number of pupils	3	6	7	8	10	6

(a) How many pupils in class 6J scored at least 3 points?

Accepted answers:

✓ 24

Question Type: Free Text
 Date Added: Thu 21st Oct 2021
 Last Modified: N/A
 QID#: 29,408,357

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 29

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Pupils who did not score enough points in the first round could not take part in the second round. 16 pupils could not take part in the second round. What was the least number of points a pupil must have scored in order to take part in the second round?

Accepted answers:

✓ 3

Question Type: Free Text
 Date Added: Thu 21st Oct 2021
 Last Modified: N/A
 QID#: 29,408,368

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Question 30

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A piece of wire is bent to form a rectangle of area 162cm^2 . The length of the rectangle is twice its breadth. Find the breadth of the rectangle.

Accepted answers:

- ✓ 35
- ✓ 35cm
- ✓ 35 cm

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,378

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

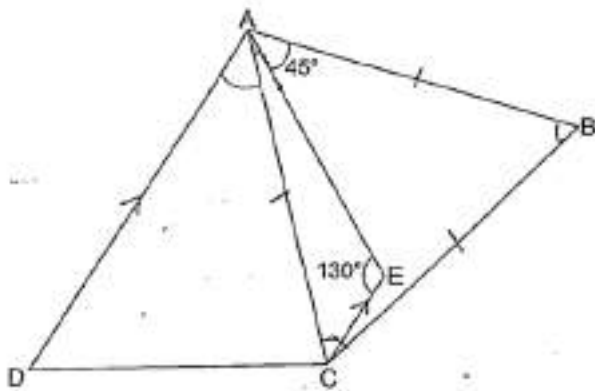
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Question 31

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, ABC is an equilateral triangle and AECD is a trapezium where $AD \parallel CE$. Find $\angle DAC$.



Accepted answers:

- ✓ 40

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,380

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Question 32

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

At first, Kate placed all her beads into 30 boxes with an equal number of beads in each box. 6 of the boxes were broken and the beads in these broken boxes were then placed into the remaining 24 boxes. As a result, the number of beads in each remaining box increased by 10. What was the number of beads in each box at first?

Accepted answers:

✓ 40

Question Type: Free Text

Date Added: Thu 21st Oct 2021

Last Modified: N/A

QID#: 29,408,387

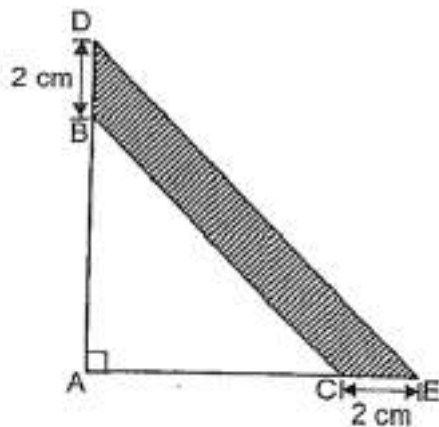
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Question 33

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure, ABC and ADE are right-angled isosceles triangles.
 $BD = CE = 2$ cm. The area of the shaded part is 18 cm².
 Find the length of AB.



Accepted answers:

✓ 8cm

✓ 8 cm

✓ 8

Question Type: Free Text

Date Added: Thu 21st Oct 2021
 Last Modified: N/A
 QID#: 29,408,391

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 34

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Jane had some money. She spent \$15 and gave Lisa \$10. In the end, both Jane and Lisa had the same amount of money. How much more money did Jane have than Lisa at first?

Accepted answers:

- ✓ \$35
- ✓ \$ 35
- ✓ 35

Question Type: Free Text
 Date Added: Thu 21st Oct 2021
 Last Modified: N/A
 QID#: 29,408,399

Correctly answered feedback

$10+10+15=35$

Incorrectly answered feedback

$10+10+15=35$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

[Remove From Test](#)

Question 35

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Mr Aziz had some apples. He sold $\frac{1}{5}$ of the apples on Monday and 80 apples on Tuesday. In the end, he was left with 30% of the apples he had at first. How many apples did he have in the end?

Accepted answers:

- ✓ 48

Question Type: Free Text
 Date Added: Thu 21st Oct 2021
 Last Modified: N/A

QID#: 29,408,404

Correctly answered feedback

$30/100=3/10$
 $1/5=2/10$
 $1- 2/10 - 3/10 = 5/10$
 $80 \times 2 = 160$
 $3/10 \times 160 = 48$

Incorrectly answered feedback

$30/100=3/10$
 $1/5=2/10$
 $1- 2/10 - 3/10 = 5/10$
 $80 \times 2 = 160$
 $3/10 \times 160 = 48$

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

[Remove From Test](#)**Question 36**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Printer A can print 300 pages in 12 minutes while Printer B can print 300 pages in 10 minutes. If both printers are used at the same time, how many pages can they print in $\frac{1}{2}$ h?

Accepted answers:

✓ 1650

Question Type: Free Text**Date Added:** Thu 21st Oct 2021**Last Modified:** N/A**QID#:** 29,408,408**Correctly answered feedback**

$1/2\text{h} = 30\text{min}$
 $300 \div 12 = 25$
 $300 \div 10 = 30$
 $30 \times 30 + 25 \times 30 = 1650$

Incorrectly answered feedback

$1/2\text{h} = 30\text{min}$
 $300 \div 12 = 25$
 $300 \div 10 = 30$
 $30 \times 30 + 25 \times 30 = 1650$

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

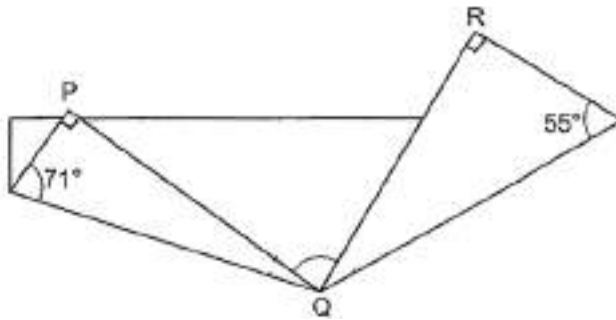
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Question 37

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A rectangular piece of paper is folded at two of its corners, P and R, as shown. Find $\angle PQR$.



Accepted answers:

✓ 72

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,416

Correctly answered feedback

180-55-90=35
 180-71-90=19
 180-19-19-35=72

Incorrectly answered feedback

180-55-90=35
 180-71-90=19
 180-19-19-35=72

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

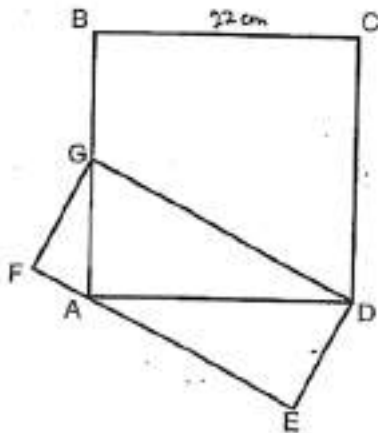
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Question 38

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below is made up of square ABCD and rectangle DEFG. Given that $BC = 22$ cm and that G is the mid-point of AB, find the area of the figure.



Accepted answers:

- ✓ 605cm²
- ✓ 605 cm²
- ✓ 605

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,423

Correctly answered feedback

$22 \div 2 = 11$
 $\frac{1}{2} \times 11 \times 22 = 121$
 $22 \times 22 = 484$
 $484 + 121 = 605$

Incorrectly answered feedback

$22 \div 2 = 11$
 $\frac{1}{2} \times 11 \times 22 = 121$
 $22 \times 22 = 484$
 $484 + 121 = 605$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 39

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Chin Meng earned the same amount of money each month. In October, he spent \$1070 and saved the rest. The amount he spent in November was a 30% decrease from what he spent in October. As a result, his savings from November increased by 60%. How much money did Chin Meng earn each month?

Accepted answers:

- ✓ \$1605
- ✓ \$ 1605
- ✓ 1605

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,437

Correctly answered feedback

$321+60=5.35$
 $5.35 \times 100=535$
 $535+100=1605$

Incorrectly answered feedback

$321+60=5.35$
 $5.35 \times 100=535$
 $535+100=1605$

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [⬇ Reorder](#)

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Question 40

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table below shows the charges for water usage by PRB company.

Monthly Water Usage	Price per m ³
0 to 40 m ³	\$1.21
More than 40 m ³	\$1.52

- (a) Mdm Salimah's family used 40 m³ of water in August. How much was her family charged for their water usage?

Accepted answers:

- ✓ \$48.40
- ✓ \$ 48.40
- ✓ 48.40

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A

QID#: 29,408,452

Correctly answered feedback

40x1.21=48.40

Incorrectly answered feedback

40x1.21=48.40

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[Remove From Test](#)**Question 41**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Mr Muthu spent \$103.12 on water usage ins September. What was the volume of water Mr Muthu used in that Month?

Accepted answers:

- ✓ 76m3
- ✓ 76 m3
- ✓ 76

Question Type: Free Text**Date Added:** Thu 21st Oct 2021**Last Modified:** N/A**QID#:** 29,408,463**Correctly answered feedback**

10312-48.4=54.72
 54.72÷1.52=36
 36+40=76

Incorrectly answered feedback

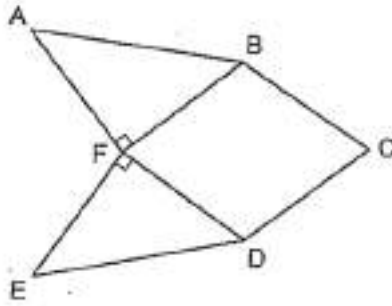
10312-48.4=54.72
 54.72÷1.52=36
 36+40=76

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 42**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below is made up of rhombus BCDF and two identical right-angled isosceles triangles, ABF and EFD. The perimeter of rhombus BCDF is $12p$ cm and the length of AB is $(p + 3)$ cm.



- (a) Find the perimeter of figure ABCDEF in terms of p in the simplest form.

Accepted answers:

- ✓ $(14p+6)$ cm
- ✓ $(14p+6)$ cm
- ✓ $14p+6$ cm
- ✓ $14p+6$ cm

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,471

Correctly answered feedback

$$12p \div 4 = 3p$$

$$3p \times 4 + (p+3) \times 2 = 12p + 2p + 6 = 14p+6$$

Incorrectly answered feedback

$$12p \div 4 = 3p$$

$$3p \times 4 + (p+3) \times 2 = 12p + 2p + 6 = 14p+6$$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 43

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

- b) Find the area of triangle ABF given that $p=6$

Accepted answers:

- ✓ 162cm^2
- ✓ 162 cm^2

✓ 162

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,477

Correctly answered feedback

$3p = 3 \times 6 = 18$
 $\frac{1}{2} \times 18 \times 18 = 162$

Incorrectly answered feedback

$3p = 3 \times 6 = 18$
 $\frac{1}{2} \times 18 \times 18 = 162$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

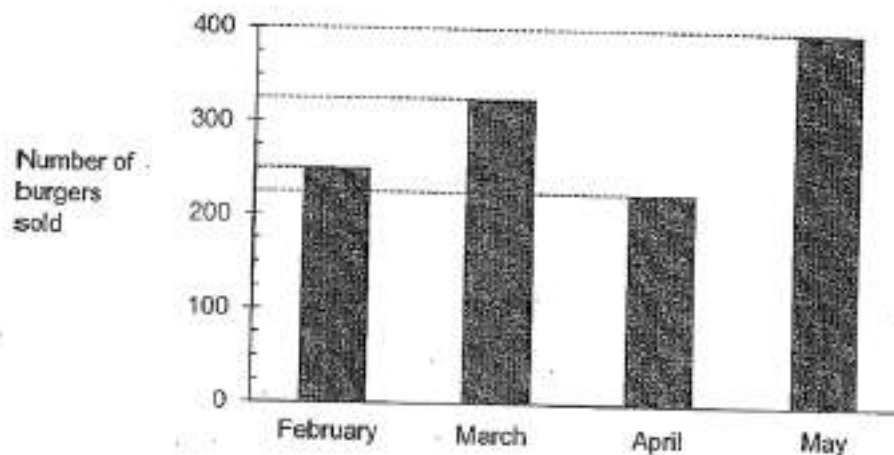
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Question 44

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The graph below shows the number of burgers sold by a fast food restaurant from February to May.



- (a) What is the average number of burgers sold in each month from February to May?

Accepted answers:

✓ 300

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,499

Correctly answered feedback

$250+325+225+400=1200$
 $1200\div 4=300$

Incorrectly answered feedback

$250+325+225+400=1200$
 $1200\div 4=300$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 45

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Find the percentage increase in the number of burgers sold from February to March

Accepted answers:

- ✓ 30%
- ✓ 30 %
- ✓ 30

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,501

Correctly answered feedback

$325-250=75$
 $75/250 \times 100\% = 30\%$

Incorrectly answered feedback

$325-250=75$
 $75/250 \times 100\% = 30\%$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)



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Question 46

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

At Candyland, chocolates are only sold in packets of 5 pieces and lollipops are only sold in packets of 4 sticks at the prices shown below.

	
Chocolates 5 pieces for \$1.99	Lollipops 4 sticks for \$0.99

Judy spent \$101.34 on some chocolates and lollipops at Candyland. She put all the chocolates and lollipops into bags such that there were 3 pieces of chocolates and 2 sticks of lollipops in each bag. How many sticks of lollipops did Judy buy from Candyland?

Accepted answers:

✓ 120

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,508

Correctly answered feedback

$10 \times 3 = 30$
 $10 \times 2 = 20$
 $20 \div 4 = 5$
 $30 \div 5 = 6$
 $6 \times 1.99 + 5 \times 0.99 = 16.89$
 $101.34 \div 16.89 = 6$
 $6 \times 20 = 120$

Incorrectly answered feedback

$10 \times 3 = 30$
 $10 \times 2 = 20$
 $20 \div 4 = 5$
 $30 \div 5 = 6$
 $6 \times 1.99 + 5 \times 0.99 = 16.89$
 $101.34 \div 16.89 = 6$
 $6 \times 20 = 120$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 47

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In an Art Club, the number of girls is 4 times the number of boys. The number of girls who wear spectacles is $\frac{2}{5}$ the total number of children who wear spectacles in the Art Club. Given that 170 girls and 20 boys do not wear spectacles, find the total number of girls in the Art Club.

Accepted answers:

✓ 188

Question Type: Free Text

Date Added: Thu 21st Oct 2021

Last Modified: N/A

QID#: 29,408,514

Correctly answered feedback

$$20X - 170 = \frac{2}{5} \times (20X - 170) + (5X - 20)$$

$$20X = 170 = \frac{2}{5} \times (25X - 190)$$

$$20X - 170 = 10X - 76$$

$$20X = 10X + 94$$

$$10X = 94$$

$$20X = 94 \times 2 = 188$$

Incorrectly answered feedback

$$20X - 170 = \frac{2}{5} \times (20X - 170) + (5X - 20)$$

$$20X = 170 = \frac{2}{5} \times (25X - 190)$$

$$20X - 170 = 10X - 76$$

$$20X = 10X + 94$$

$$10X = 94$$

$$20X = 94 \times 2 = 188$$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 48

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table below shows the prices of admission tickets to a theme park.

Type of ticket	Price per ticket
Child	\$43
Adult	\$55
Senior Citizen	\$32

Mr Sursj paid ~~\$5095~~ ^{\$4705} for admission tickets to the theme park for a group of tourists. $\frac{2}{3}$ of the tourists were children. The remaining tourists were adults and senior citizens in the ratio 5 : 2. How many children were there in the group of tourists?

Accepted answers:

✓ 70

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,519

Correctly answered feedback

$(14 \times 43) + (5 \times 55) + (2 \times 32) = 941$
 $4750 \div 941 = 51$
 $5 \times 14 = 70$

Incorrectly answered feedback

$(14 \times 43) + (5 \times 55) + (2 \times 32) = 941$
 $4750 \div 941 = 51$
 $5 \times 14 = 70$

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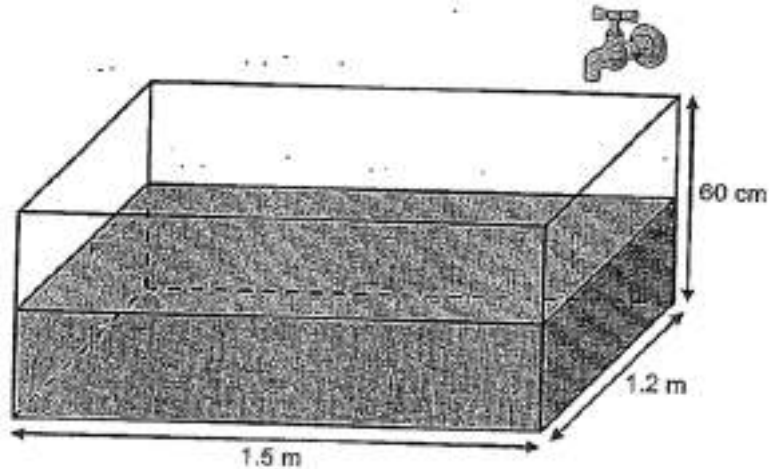
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Question 49

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

At first, a rectangular tank measuring 1.5 m by 1.2 m by 60 cm was half-filled with water as shown below. A tap was then turned on $\frac{1}{2}$ half an hour to allow water to flow into the tank. In the end, the tank was $\frac{3}{5}$ -filled. How many litres of water flowed from the tap per minute?



Accepted answers:

- ✓ 3.6l
- ✓ 3.6 l
- ✓ 3.6

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,531

Correctly answered feedback

$3/5 \times 60 \times 150 \times 120 = 648000$
 $648000 - 540000 = 108000$
 $108000 \text{ cm}^3 = 108 \text{ L}$
 $108 \div 30 = 3.6 \text{ L}$

Incorrectly answered feedback

$3/5 \times 60 \times 150 \times 120 = 648000$
 $648000 - 540000 = 108000$
 $108000 \text{ cm}^3 = 108 \text{ L}$
 $108 \div 30 = 3.6 \text{ L}$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

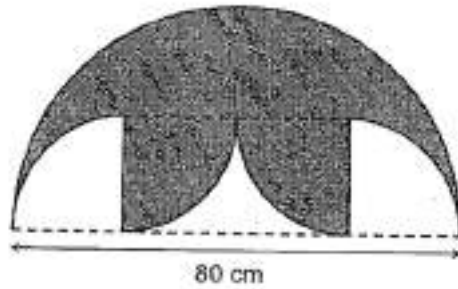
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Question 50

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The outline of the shaded figure below is formed by a semicircle, four identical quarter circles and two straight lines.



(a) Find the area of the shaded figure.

Accepted answers:

- ✓ 1712cm²
- ✓ 1712 cm²
- ✓ 1712

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,567

Correctly answered feedback

$80 \div 4 = 20$
 $20 \times 2 = 40$
 $20 \times 40 = 800$
 $\frac{1}{2} \times 3.14 \times 40 \times 40 = 2512$
 $2512 - 800 = 1712$

Incorrectly answered feedback

$80 \div 4 = 20$
 $20 \times 2 = 40$
 $20 \times 40 = 800$
 $\frac{1}{2} \times 3.14 \times 40 \times 40 = 2512$
 $2512 - 800 = 1712$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 51

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Find the perimeter of the shaded figure (Take $\pi = 3.14$)

Accepted answers:

- ✓ 291.2cm
- ✓ 291.2 cm
- ✓ 291.2

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,577

Correctly answered feedback

$3.14 \times 40 = 125.6$
 $125.6 + 20 + 20 = 165.6$
 $125.6 + 165.6 = 291.2$

Incorrectly answered feedback

$3.14 \times 40 = 125.6$
 $125.6 + 20 + 20 = 165.6$
 $125.6 + 165.6 = 291.2$

[Answers](#) |
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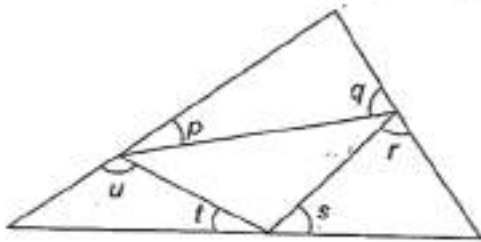
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Question 52

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

(a) In the figure below, find the sum of $\angle p$, $\angle q$, $\angle r$, $\angle s$, $\angle t$ and $\angle u$.



Accepted answers:

- ✓ 360

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,581

Correctly answered feedback

180x3=540
540-180=360

Incorrectly answered feedback

180x3=540
540-180=360

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

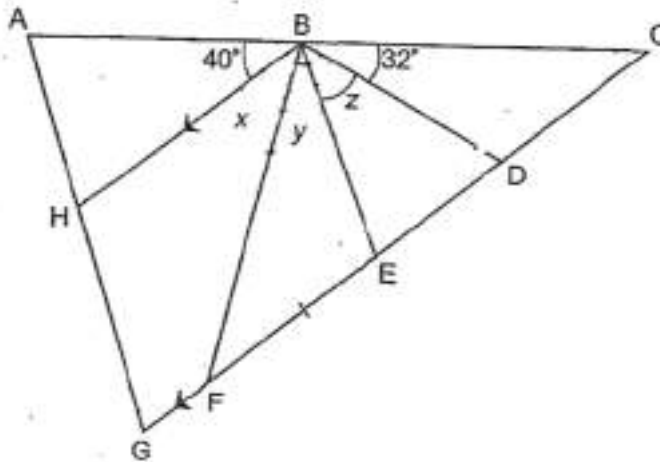
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Question 53

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below is not drawn to scale.
In the figure, AGC is a triangle where BH // EG and BD = BE = EF.



(i) Find $\angle z$.

Accepted answers:

✓ 36

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,586

Correctly answered feedback

180-32-40=108
180-108=72
Z=180-72-72=36

Incorrectly answered feedback

180-32-40=108
180-108=72
Z=180-72-72=36

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [↕ Reorder](#)[Remove From Test](#)

Question 54

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

 $x=y=z$

- A. True
- B. False
- ✓ C. Not possible to tell

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,598

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [↕ Reorder](#)[Remove From Test](#)

Question 55

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

ABEG is a trapezium

- ✓ A. True
- B. False
- C. Not possible to tell

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,601

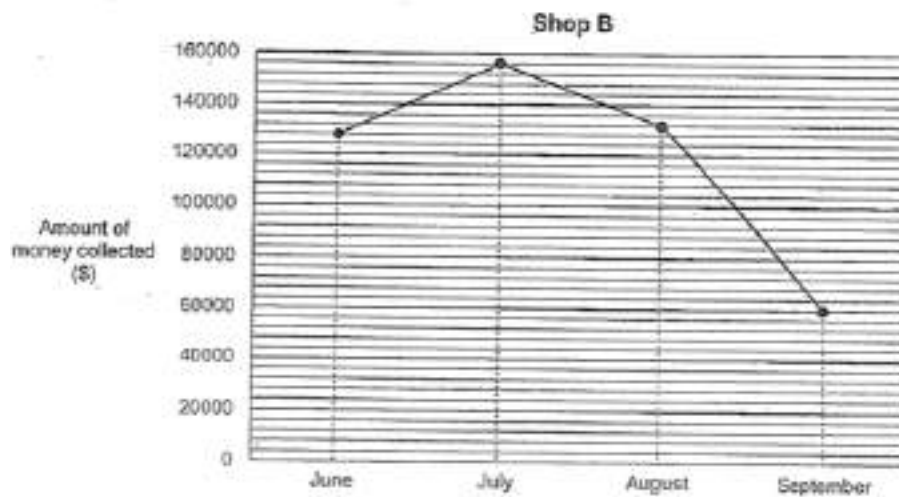
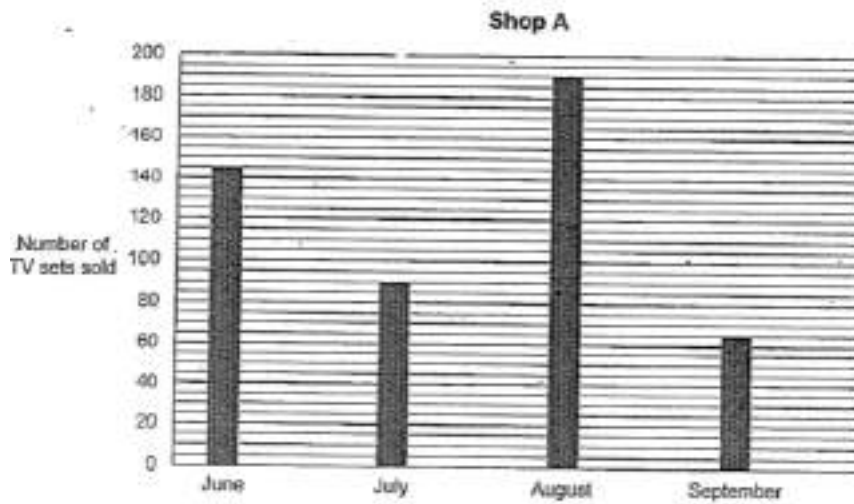
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Question 56

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The graphs below show the number of television sets sold by Shop A and the amount of money collected by Shop B from the sale of television sets from June to September.



a) Given that Shop B sold each television set at a fixed price of \$1200, did it sell more, fewer or an equal number of television sets than Shop A in a month of July? Show your working clearly

- ✓ A. More
- B. Fewer
- C. Equal

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,621

Correctly answered feedback

156000÷1200=130

Incorrectly answered feedback

156000÷1200=130

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 57

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Shop A had a promotion in the month of August where each television set was sold at 30% discount. Given that Shop A collected \$34 250 more than Shop B in August, find the amount of discount given by Shop A for each television set sold

Accepted answers:

✓ \$375

✓ \$ 375

✓ 375

Question Type: Free Text
Date Added: Thu 21st Oct 2021
Last Modified: N/A
QID#: 29,408,633

Correctly answered feedback

132000+34250=166250
 166250÷70×30=71250
 71250÷190=375

Incorrectly answered feedback

132000+34250=166250
 166250÷70×30=71250
 71250÷190=375

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

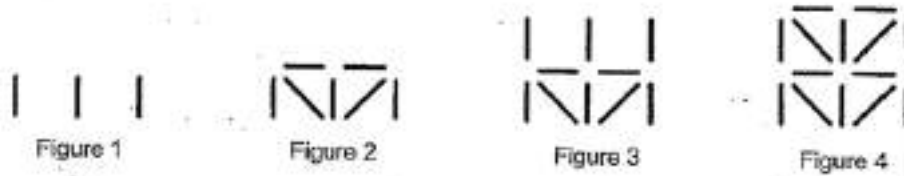
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Question 58

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Cedric used some sticks to form figures that follow a pattern. The first four figures are shown below.



- (a) The table below shows the number of sticks for the first four figures. Complete the table for Figure 5.

Figure number	Number of sticks
1	3
2	7
3	10
4	14
5	

[1]

Accepted answers:

✓ 17

Question Type: Free Text

Date Added: Thu 21st Oct 2021

Last Modified: N/A

QID#: 29,408,635

[Answers](#) |
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Question 59

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) How many stickers are there in Figure 28?

Accepted answers:

✓ 98

Question Type: Free Text

Date Added: Thu 21st Oct 2021

Last Modified: N/A

QID#: 29,408,641

Correctly answered feedback

$$3+4=7$$

$$21(7 \times 11)=98$$

Incorrectly answered feedback

$3+4=7$
 $21(7 \times 11)=98$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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Question 60

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

c) Cedric used 2327 sticks to form a figure. Which Figure number did he form?

Accepted answers:

✓ 665

Question Type: Free Text

Date Added: Thu 21st Oct 2021

Last Modified: N/A

QID#: 29,408,645

Correctly answered feedback

$2327 \div 7 = 332R3$
 $332 \times 2 = 664$
 $664 + 1 = 665$

Incorrectly answered feedback

$2327 \div 7 = 332R3$
 $332 \times 2 = 664$
 $664 + 1 = 665$

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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