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## Primary 6 Math (Term 4) - ACS (Y0)

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### Test Introduction

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### Question 1

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

How many ten thousands are there in 4 710 000?

- A. 47
- ✓ B. 471
- C. 4710
- D. 47100

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,672

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### Question 2

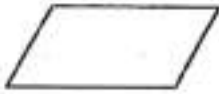
Primary 6 Math » Primary 6 Math (Prelim)

1 pt

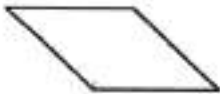
How many of the following figures have at least one line of symmetry?



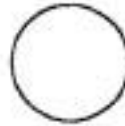
Square



Parallelogram



Rhombus



Circle

- 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#:** 29,408,683

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### Question 3

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Express  $6\frac{2}{500}$  as a decimal.

- A. 6.2
- B. 6.4
- C. 6.04
- ✓ D. 6.004

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,699

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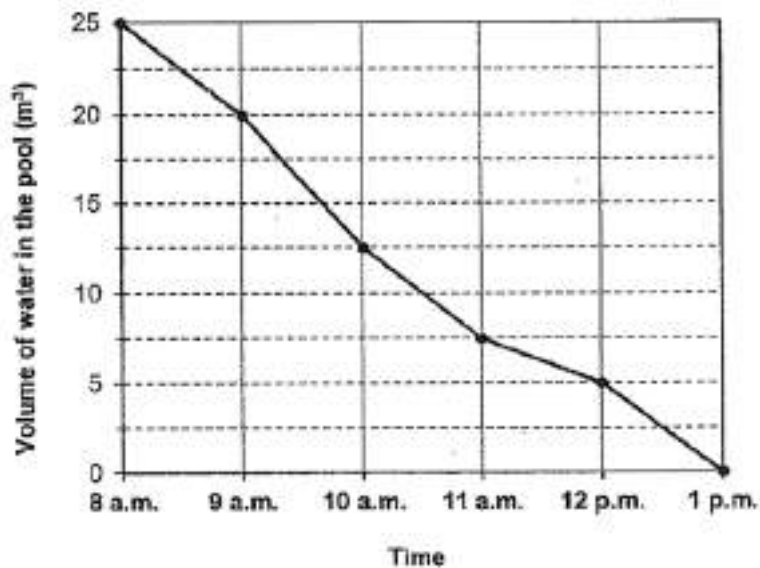
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### Question 4

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

At 8 a.m., a swimming pool was completely filled with water. From 8 a.m. to 1 p.m., water was drained from the swimming pool. The line graph below shows the volume of water in the swimming pool from 8 a.m. to 1 p.m.



During which one-hour period was the decrease in the volume of water the greatest?

- A. Between 8am and 9am
- ✓ B. Between 9am and 10am
- C. Between 10am and 11am
- D. Between 11am and 12am

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,710

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## Question 5

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table below shows the number of 'Arts Fiesta' tickets sold over a period of five days. The total number of tickets sold was 1380. What is the average number of tickets sold on Wednesday, Thursday and Friday?

Days	Tickets sold
Monday	325
Tuesday	380
Wednesday	?
Thursday	?
Friday	?

- A. 205  
 B. 225  
 C. 675  
 D. 705

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,712

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## Question 6

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Isaac ran round a circular track 3 times for his training. The radius of the track was 56 m. How far did he run? (Take  $\pi = \frac{22}{7}$ )

- A. 168m  
 B. 352m  
 C. 528m  
 D. 1056m

**Question Type:** Multiple Choice  
**Randomize Answers:** No

Date Added: Thu 21st Oct 2021  
Last Modified: N/A  
QID#: 29,408,715

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## Question 7

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A tank measured 40 cm by 15 cm by 30 cm is half filled with water. Find the volume of water in the tank.

- ✓ A. 9L
- B. 18L
- C. 9000L
- D. 18000L

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,721

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## Question 8

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Arrange the following fractions from the smallest to the largest:

$$\frac{1}{6}, \frac{5}{4}, \frac{10}{9}$$

A.

$$\frac{1}{6}, \frac{10}{9}, \frac{5}{4}$$

B.

$$\frac{5}{4}, \frac{10}{9}, \frac{1}{6}$$

C.

$$\frac{5}{4}, 1\frac{1}{6}, \frac{10}{9}$$

✓ D.

$$\frac{10}{9}, 1\frac{1}{6}, \frac{5}{4}$$

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,729

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## Question 9

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

One of the angles of a trapezium is 55. Which of the following are possible values of the remaining angles?

- A. 115, 55 and 125  
 B. 115, 55 and 65  
 C. 115, 55 and 115  
 ✓ D. 115, 65 and 125

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,734

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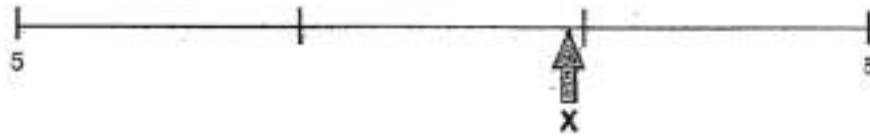
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## Question 10

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the number line shown below, which value is closest to the reading at X?



- A. 5.190
- B. 5.495
- ✓ C. 5.590
- D. 5.725

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,740

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## Question 11

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Mr Lee had some magazines. He sold 315 magazines from Monday to Friday. He sold  $\frac{2}{5}$  of the remaining magazines on Saturday and Sunday.

The number of magazines left was  $\frac{1}{4}$  of what he had at first. How many magazines did he have at first?

- ✓ A. 540
- B. 405
- C. 90
- D. 45

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,745

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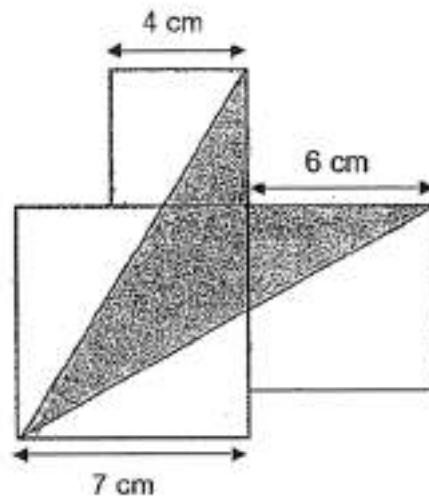
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## Question 12

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below is made up of 3 squares. Find the shaded area.



- A. 31 cm<sup>2</sup>
- ✓ B. 35 cm<sup>2</sup>
- C. 36 cm<sup>2</sup>
- D. 48 cm<sup>2</sup>

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,751

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## Question 13

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Machine A prints 16 pages more than Machine B in every minute. Machine A and Machine B print a total of 608 pages in 4 minutes. At this rate, how many pages does Machine A print in 1 minute?

- A. 68
- B. 74
- ✓ C. 94
- D. 90



**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,756

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## Question 14

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A box of cookies was shared between Jesse and Linn in the ratio of 7:4. Linn then decided to share her portion of cookies with her younger brother in the ratio 5:3 while Jesse shared her portion of the cookies with her elder sister in the ratio 4:3. Among the four of them, the smallest portion of cookies was 12 pieces. How many pieces of cookies were there in the box at first?

- A. 33
- B. 44
- C. 66
- ✓ D. 88

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,765

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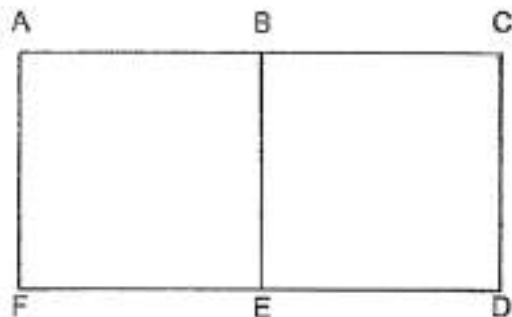
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## Question 15

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The map below shows the locations of 6 places, A, B, C, D, E and F. AB EF and BCDE are squares. Location C is south of location E. Which of the following location is north-east of B?



- ✓ A. A
- B. C
- C. D
- D. F

**Question Type:** Multiple Choice  
**Randomize Answers:** No  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,768

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## Question 16

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In a sports race, Ethan had to complete swimming, cycling and running. The table below shows the time taken for each sports.

Segments	Time Taken (min)
Swimming	39
Cycling	58
Running	46

What was the total time Ethan took to complete the 3 sports? Give your answer in hours and minutes.

Accepted answers:

✓ 2h 23min

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,955

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## Question 17

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Match the options below from the lightest to the heaviest:

Clue

Match

6kg 35g

lightest

$6\frac{1}{3}$  kg

middle

6.35kg

heaviest

**Question Type:** Matching**Grade style:** Full points if all answers are correct**Shuffle Mode:** Shuffle Matches Only**Date Added:** Thu 21st Oct 2021**Last Modified:** N/A**QID#:** 29,408,964

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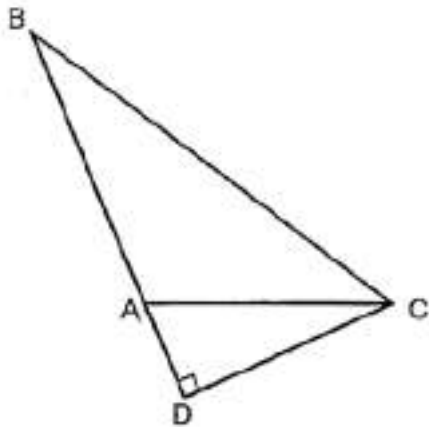
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## Question 18

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, BD is 20 cm and CD is 8 cm. AD is  $\frac{1}{4}$  of BD.  
Find the area of triangle ABC.



Accepted answers:

✓ 60

**Question Type:** Free Text**Date Added:** Thu 21st Oct 2021**Last Modified:** N/A**QID#:** 29,408,970

### Correctly answered feedback

$20 \times 8 = 160$   
 $160 \times \frac{1}{2} = 80$   
 $5 \times 8 = 40$   
 $40 \times \frac{1}{2} = 20$   
 $80 - 20 = 60$

### Incorrectly answered feedback

$20 \times 8 = 160$   
 $160 \times \frac{1}{2} = 80$

5x8=40  
40x 1/2=20  
80-20=60

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## Question 19

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

What is the fraction exactly between  $\frac{2}{7}$  and  $\frac{2}{5}$  ?

Accepted answers:

✓ 12/35

**Question Type:** Free Text

**Date Added:** Thu 21st Oct 2021

**Last Modified:** N/A

**QID#:** 29,408,973

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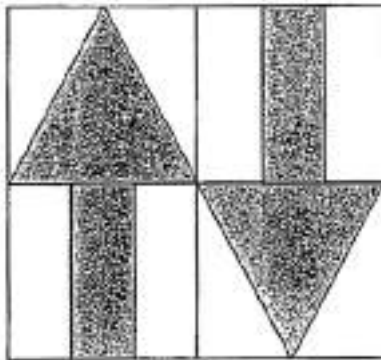
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## Question 20

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure is made up of 4 squares. Two of the squares are divided equally into 3 rectangles. What fraction of the figure is shaded?



Accepted answers:

✓ 5/12

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,975

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## Question 21

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Find the value of  $83 - \frac{74 - 6y}{y} - y$  when  $y = 4$ .

Accepted answers:

✓ 66.5

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,979

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## Question 22

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table below shows the number of hours that a group of 24 students spent on building a model in a day.

Number of hours spent by each pupil	0	3	4	5
Number of pupils	2	9	8	5

What is the average number of hours each student spent on building the model each day?

Accepted answers:

✓ 3.5h

✓ 3.5 h

✓ 3.5

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,984

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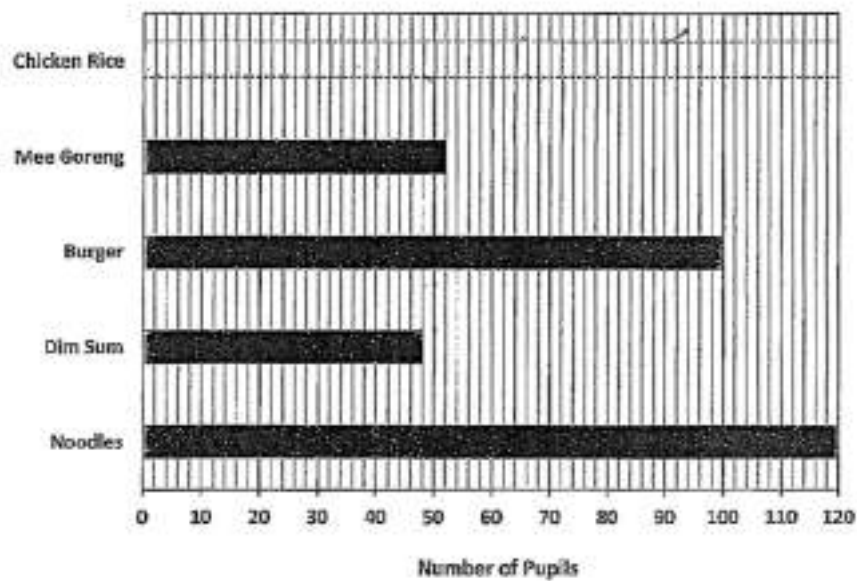
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## Question 23

Primary 6 Math » Primary 6 Math (Prelim)

0 pts

The bar graph shows the type of food consumed by a group of pupils in a school canteen. The bar that shows the number of pupils who consumed chicken rice has not been drawn.



20% of the pupils in the canteen consumed chicken rice. Draw the bar that shows the number of pupils who consumed chicken rice in the graph above.

**Question Type:** Essay  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,990

### Correctly answered feedback

$200 + 120 = 320$   
 $320 \div 60 = 4$   
 $4 \times 20 = 80$

### Incorrectly answered feedback

$200 + 120 = 320$   
 $320 \div 60 = 4$   
 $4 \times 20 = 80$

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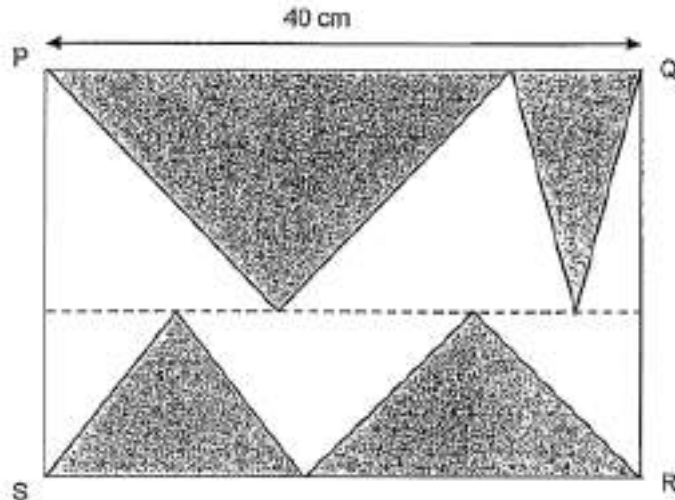
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## Question 24

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below shows 4 shaded triangles inside rectangle PQRS. The dotted line is parallel to PQ and SR. The total shaded area is  $500 \text{ cm}^2$ . Find the length of QR.



Accepted answers:

✓ 25

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,408,995

### Correctly answered feedback

$500 \times 2 = 1000$   
 $1000 \div 40 = 25$

### Incorrectly answered feedback

$500 \times 2 = 1000$   
 $1000 \div 40 = 25$

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## Question 25

Primary 6 Math » Primary 6 Math (Prelim)

Tina packed some gift bags for charity drive. She packed 7 bottles of hand sanitisers, 4 masks and 2 granola bars into every gift bags. She used 117 more hand sanitisers than mask for all her gift bags. How many granola bars did Tina pack altogether?

Accepted answers:

✓ 78

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,001

### Correctly answered feedback

$117 \div 3 = 39$   
 $39 \times 2 = 78$

### Incorrectly answered feedback

$117 \div 3 = 39$   
 $39 \times 2 = 78$

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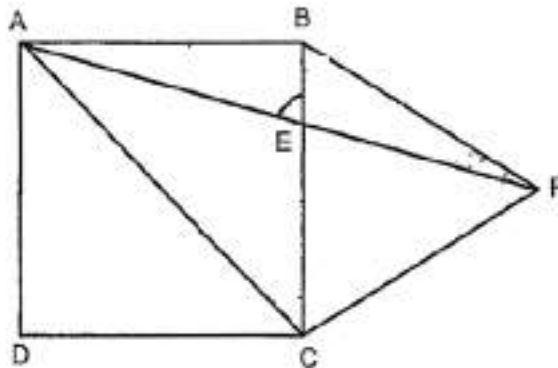
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## Question 26

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, not drawn to scale, ABCD is a square and BCF is an equilateral triangle. AEF is a straight line. Find  $\angle AEB$ ,



Accepted answers:

✓ 75



**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,002

**Correctly answered feedback**

90+60=150  
 180-150=30  
 180-75=105  
 180-105=75

**Incorrectly answered feedback**

90+60=150  
 180-150=30  
 180-75=105  
 180-105=75

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**Question 27**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

There were 150 members in a club in March. This was an increase of 20% when compared to February. In April, only 115 members remained in the club. What is the percentage decrease in the number of members in April compared to February?

**Accepted answers:**

- ✓ 8%
- ✓ 8 %
- ✓ 8

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,009

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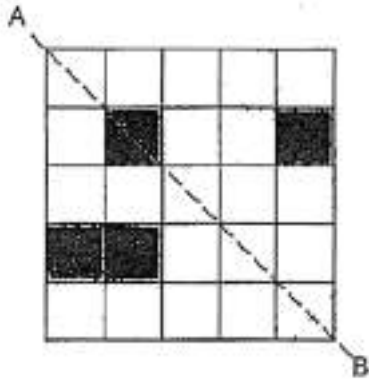
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**Question 28**

Primary 6 Math » Primary 6 Math (Prelim)

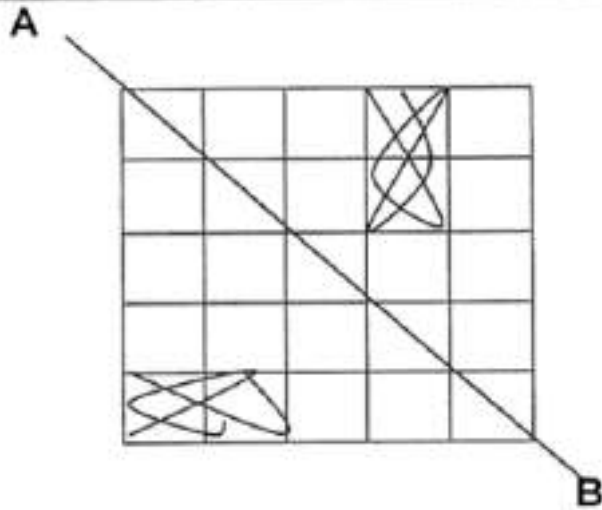
0 pts

In the figure below, shade the minimum additional number of squares so that AB is the line of symmetry for the figure.

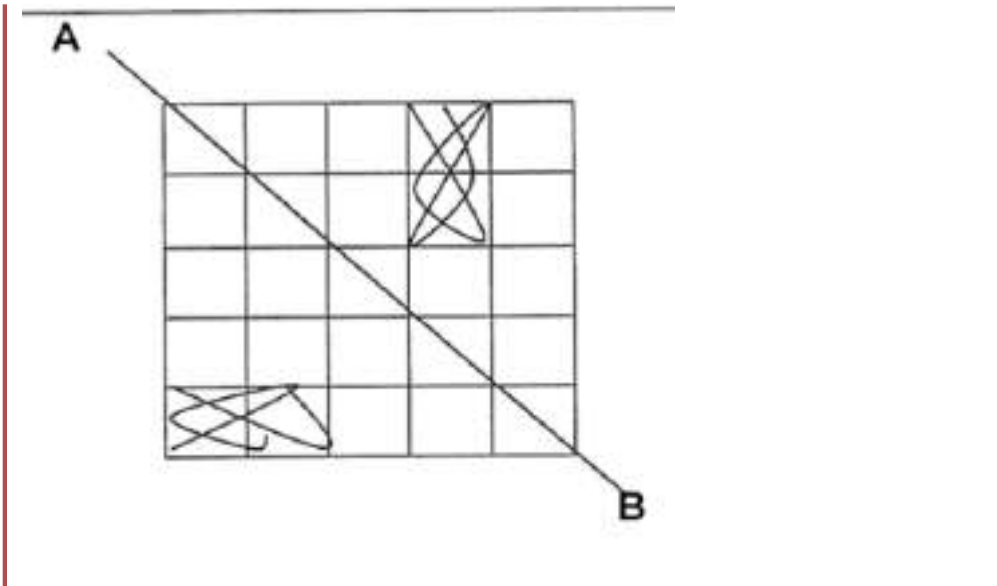


**Question Type:** Essay  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,016

**Correctly answered feedback**



**Incorrectly answered feedback**



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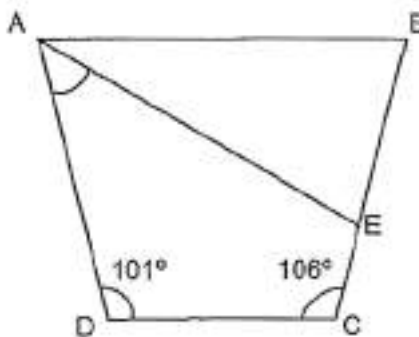
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### Question 29

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

ABCD is a trapezium.  $\angle BCD = 106^\circ$  and  $\angle ADC = 101^\circ$ .  $AB = AE$ .  
Find  $\angle DAE$ .



Accepted answers:

✓ 47

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** Thu 21st Oct 2021  
**QID#:** 29,409,019

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## Question 30

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Kelly has \$38. What is the greatest number of muffins she can buy?

First 3 muffins	\$3.20 each	
Additional muffin	\$3 each	

Accepted answers:

✓ 12

**Question Type:** Free Text

**Date Added:** Thu 21st Oct 2021

**Last Modified:** N/A

**QID#:** 29,409,024

**Correctly answered feedback**

$$3.20 \times 3 = 9.60$$

$$38 - 9.60 = 28.40$$

$$28 \div 3 = 9$$

$$9 + 3 = 12$$

**Incorrectly answered feedback**

$$3.20 \times 3 = 9.60$$

$$38 - 9.60 = 28.40$$

$$28 \div 3 = 9$$

$$9 + 3 = 12$$

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## Question 31

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

For every box of surgical masks he sells, Mr Lee earns \$12. An additional \$8 is given to him for every 10 boxes of surgical masks he sells. How many boxes of surgical mask must Mr Lee sell to make \$3200?

Accepted answers:

✓ 250

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,037

**Correctly answered feedback**

12x10=120  
 120+8=128  
 3200÷128=25  
 25x10=250

**Incorrectly answered feedback**

12x10=120  
 120+8=128  
 3200÷128=25  
 25x10=250

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**Question 32**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A rectangular swimming pool 20m wide, 60m long and 4m deep, contains 800m<sup>3</sup> of water. How much more water has to be added so that the water level is 30cm from the top? Give your answer in cubic metres.

**Accepted answers:**

- ✓ 364m<sup>3</sup>
- ✓ 364 m<sup>3</sup>
- ✓ 364

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,042

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**Question 33**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

During a sale, a departmental store gave a storewide discount of 25%. Mr Tan who is a member of the departmental store was entitled to an additional 8% discount on the discounted price. What was the total discount he enjoyed?

**Accepted answers:**

- ✓ 31%
- ✓ 31 %
- ✓ 31

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,049

#### Correctly answered feedback

$75 \div 100 = 0.75$   
 $0.75 \times 8 = 6$   
 $25 + 6 = 31$

#### Incorrectly answered feedback

$75 \div 100 = 0.75$   
 $0.75 \times 8 = 6$   
 $25 + 6 = 31$

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[Remove From Test](#)

## Question 34

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The average mass of a group of children was 66.8kg. When Mrs Pang measured and recorded the mass of these children, she wrongly recorded one child's mass as 59kg when it should have been 95kg. As a result, Mrs Pang calculated the average mass as 64.8kg. How many child were there in the group?

**Accepted answers:**

✓ 18

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,058

#### Correctly answered feedback

$95 - 59 = 36$   
 $66.8 - 64.8 = 2$   
 $36 \div 2 = 18$

#### Incorrectly answered feedback

$95 - 59 = 36$   
 $66.8 - 64.8 = 2$   
 $36 \div 2 = 18$

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

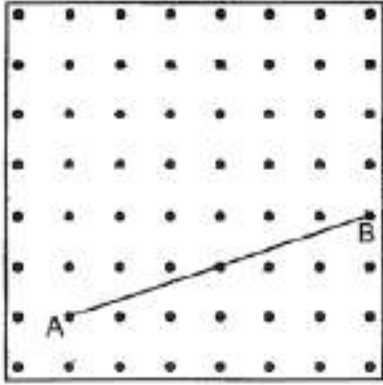
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## Question 35

Primary 6 Math » Primary 6 Math (Prelim)

0 pts

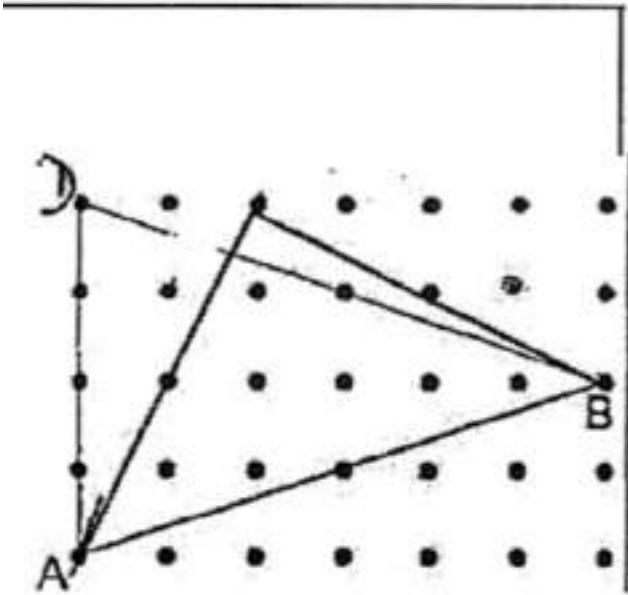
In the grid below, by joining dots, draw 4 more straight lines to create two isosceles triangle ABC and ABD. Label all points.



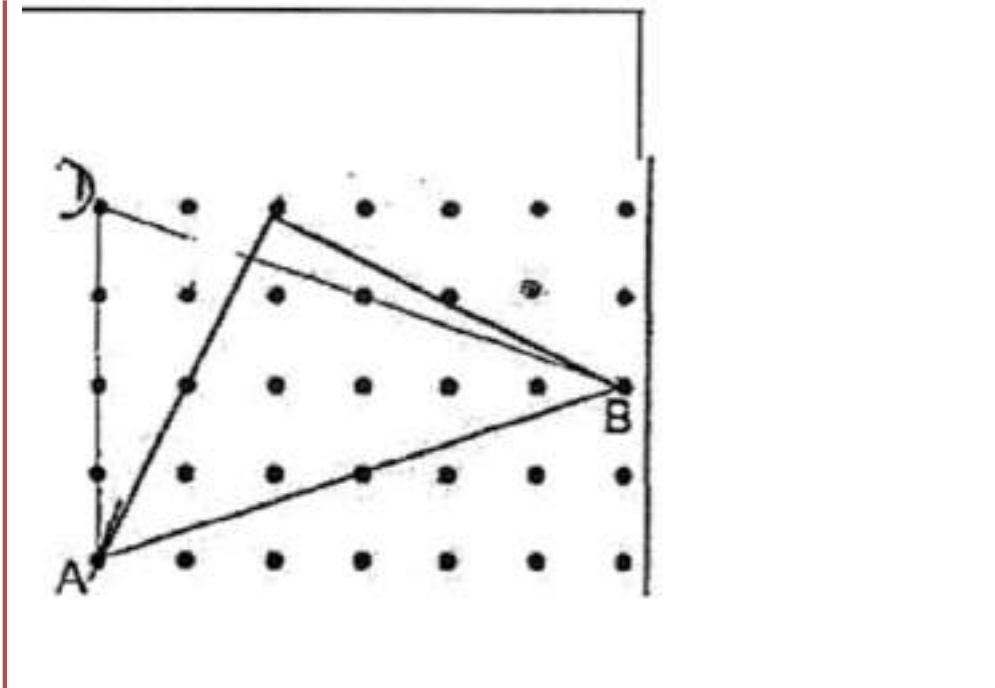
Please type "done" to proceed to the next question

**Question Type:** Essay  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** Thu 21st Oct 2021  
**QID#:** 29,409,064

**Correctly answered feedback**



**Incorrectly answered feedback**



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

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## Question 36

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

April went to the supermarket to buy some toilet rolls for the family. Toilet rolls were sold at the prices shown below.

Big Pack	Small Pack
\$ ( 3n - 2 )	\$ ( n + 3 )

She bought 1 big pack and 2 small packs. She paid the cashier \$50 and received \$21 change. What is the value of n?

Accepted answers:

✓ 5

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** Fri 22nd Oct 2021  
**QID#:** 29,409,070

### Correctly answered feedback

50-21=29  
 29-4=25  
 25÷5=5



**Incorrectly answered feedback**

50-21=29  
 29-4=25  
 25+5=5

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

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**Question 37**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

John wanted to saved some money. He saved \$8 each day from Monday to Friday and \$16 each day on Saturday and Sunday. Starting on Thursday, how many days did John take to save \$480?

**Accepted answers:**

✓ 46

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,078

**Correctly answered feedback**

8+8+16+16=48  
 480-48=432  
 432÷72=6  
 6x7=42  
 42+4=46

**Incorrectly answered feedback**

8+8+16+16=48  
 480-48=432  
 432÷72=6  
 6x7=42  
 42+4=46

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

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**Question 38**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table below shows the time Wilson took for 4 x 10m shuttle run during his training sessions.

Attempt	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>
Time taken (in seconds)	13.1	12.5	11	11.8	12.2	12	11.4	?

If he wants to improve his average time taken by 0.3 seconds, what timing should he attain for his 8<sup>th</sup> attempt? ·

Accepted answers:

✓ 9.6

**Question Type:** Free Text

**Date Added:** Thu 21st Oct 2021

**Last Modified:** N/A

**QID#:** 29,409,086

**Correctly answered feedback**

$$13.1+12.5+11+11.8+12.2+12+11/4=84$$

$$84\div 7=12$$

$$12-0.3=11.7$$

$$11.7\times 8=93.6$$

$$93.6-84=9.6$$

**Incorrectly answered feedback**

$$13.1+12.5+11+11.8+12.2+12+11/4=84$$

$$84\div 7=12$$

$$12-0.3=11.7$$

$$11.7\times 8=93.6$$

$$93.6-84=9.6$$

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

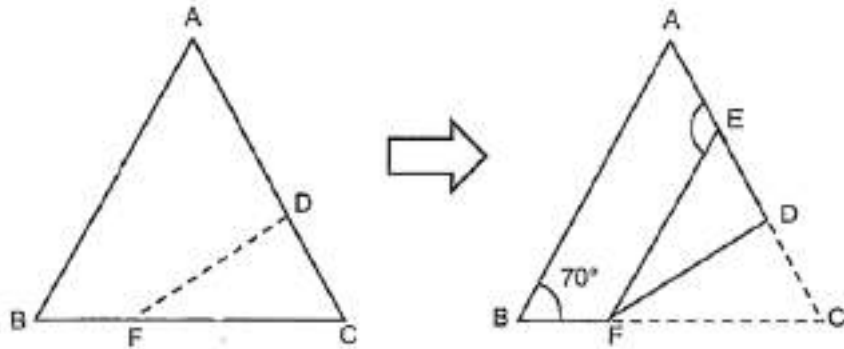
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## Question 39

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure on the left, not drawn to scale, is a triangular piece of paper ABC. It is folded along the dotted line FD to obtain the figure on the right such that AB is parallel to EF. AEDC is a straight line.  $\angle ABF = 70^\circ$ . Find  $\angle AEF$ .



Accepted answers:

✓ 125

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,100

**Correctly answered feedback**

BFE =  $180 - 70 = 110$   
 CFE =  $180 - 110 = 70$   
 CFD =  $70 \div 2 = 35$   
 FCD =  $(180 - 70) \div 2 = 55$   
 AEF =  $180 - 55 = 125$

**Incorrectly answered feedback**

BFE =  $180 - 70 = 110$   
 CFE =  $180 - 110 = 70$   
 CFD =  $70 \div 2 = 35$   
 FCD =  $(180 - 70) \div 2 = 55$   
 AEF =  $180 - 55 = 125$

[Answers](#) | 
 [Edit](#) | 
 [Duplicate](#) | 
 [Used In](#) | 
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## Question 40

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table below shows the charges for water usage.

Volume of water	Charges
First 40 m <sup>3</sup>	\$1.21 per m <sup>3</sup>
Every additional cubic metre	\$1.52 per m <sup>3</sup>

- a) The Lee family used 32 m<sup>3</sup> of water in June. How much did the Lee family pay for the water used?

Accepted answers:

- ✓ \$38.72
- ✓ \$ 38.72
- ✓ 38.72

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,114

**Correctly answered feedback**

32x1.21=38.72

**Incorrectly answered feedback**

32x1.21=38.72

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

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## Question 41

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

- b) The Ali family used 58m<sup>3</sup> of water in June. How much more did the Ali family pay than the Lee Family for the water used in June?

Accepted answers:

- ✓ \$37.04
- ✓ \$ 37.04
- ✓ 37.04

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,129

**Correctly answered feedback**

1.21x40=48.4  
 58-40=18  
 18x1.52=27.36  
 48.4+27.36=75.76  
 75.76-38.72=37.04

**Incorrectly answered feedback**

1.21x40=48.4  
 58-40=18  
 18x1.52=27.36  
 48.4+27.36=75.76  
 75.76-38.72=37.04

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

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**Question 42**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Admission tickets for a school musical performance were sold to adults and children at different prices as shown in the table below.

	Price per ticket
<b>Adult</b>	\$30
<b>Child</b>	\$12

- (a) Mrs Goh spent an equal amount of money on the adult and child tickets. What fraction of the tickets she bought were adult tickets?

Accepted answers:

✓ 2/7

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,133

**Correctly answered feedback**

1A = 30 x2  
 1C = 12x5  
 2A=60  
 5C=60  
 2+5=7  
 = 2/7

**Incorrectly answered feedback**

1A = 30 x2  
 1C = 12x5  
 2A=60  
 5C=60  
 2+5=7  
 = 2/7

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

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## Question 43

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

- (b) The school collected a total of \$11760 from selling tickets for the musical performance. The number of adult tickets sold was  $\frac{3}{10}$  the number of child tickets sold. How many child tickets were sold?

**Accepted answers:**

✓ 560

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,144

**Correctly answered feedback**

3x30=90  
 10x12=120  
 120+90=210  
 11760÷210=56  
 56x10=560

**Incorrectly answered feedback**

3x30=90  
 10x12=120  
 120+90=210  
 11760÷210=56  
 56x10=560

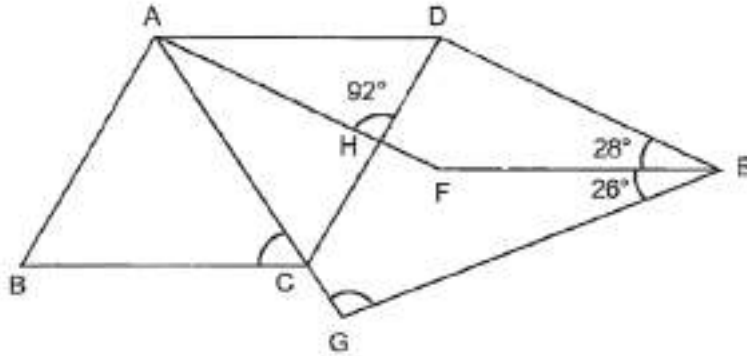
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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## Question 44

- In the figure below, not drawn to scale, ABCD and ADEF are rhombuses. ACG is a straight line.  $\angle AHD = 92^\circ$ ,  $\angle DEF = 28^\circ$ ,  $\angle FEG = 26^\circ$ .

(a) Find  $\angle ACB$ .



Accepted answers:

✓ 60

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,196

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

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## Question 45

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Find AGE

Accepted answers:

✓ 94

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,197

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

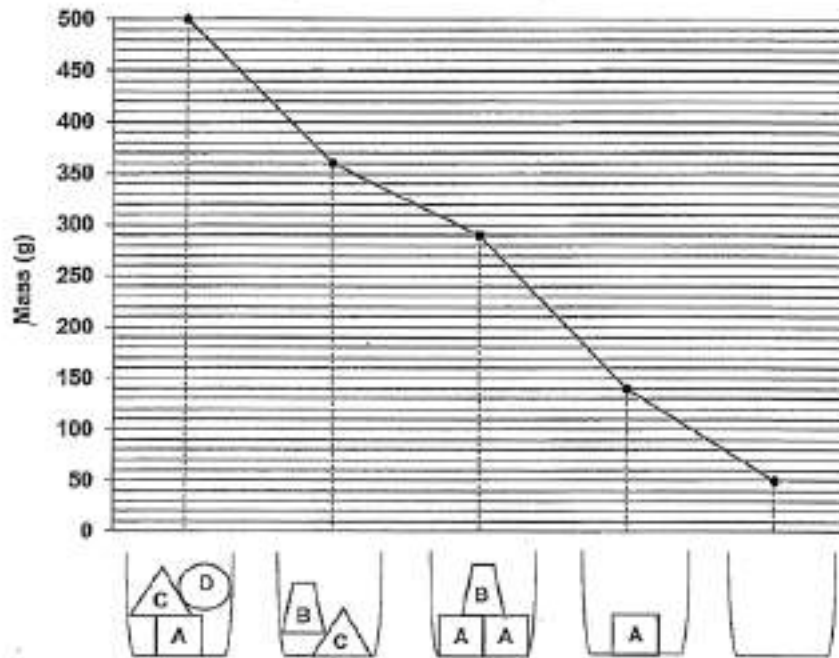
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## Question 46

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The line graph below shows the mass of a container when empty and when different combinations of objects, A, B, C and D are placed in the container.



a) What is the mass of Object B?

Accepted answers:

- ✓ 60g
- ✓ 60 g
- ✓ 60

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,203

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

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### Question 47

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) What is the total mass of objects A,B and D?

Accepted answers:

- ✓ 260g
- ✓ 260 g
- ✓ 260



**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,206

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

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## Question 48

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Sofie had some cupcakes. She had 72 more chocolate cupcakes than red velvet cupcakes. She had 36 fewer blueberry cupcakes than red velvet cupcakes. After selling  $\frac{1}{8}$  of the chocolate cupcakes,  $\frac{2}{3}$  of the red velvet cupcakes and  $\frac{7}{9}$  of the blueberry cupcakes, Sofie had 427 cupcakes left altogether. How many chocolate cupcakes did Sofie sell?

Accepted answers:

✓ 57

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,208

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

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## Question 49

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Mrs Tan bought some forks and spoons in the ratio of 4:3. Each spoon cost 50cents more than each fork. She spent a total of \$156 on the forks and spoons. The amount she spent on the forks was \$12 more than the amount she spent on the spoons.

a) How much did she spend on the spoons?

Accepted answers:

✓ \$72

✓ \$ 72

✓ 72

**Question Type:** Free Text

Date Added: Thu 21st Oct 2021  
 Last Modified: N/A  
 QID#: 29,409,217

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

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## Question 50

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) How many forks and spoons did she buy altogether?

Accepted answers:

✓ \$42

✓ \$ 42

✓ 42

Question Type: Free Text

Date Added: Thu 21st Oct 2021

Last Modified: N/A

QID#: 29,409,221

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

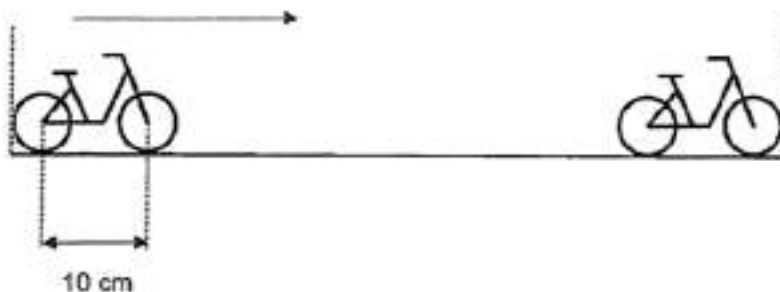
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## Question 51

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Jeff had a toy bicycle fixed on a straight track. He pushed the bicycle from one end of the track to the other end of the track where it stopped. The radius of the wheels is 3.5 cm and the distance between the 2 centers of the wheels is 10 cm. The length of the track is 259 cm. How many revolutions did each wheel make? (Take  $\pi = \frac{22}{7}$ )



Accepted answers:

✓ 11

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,226

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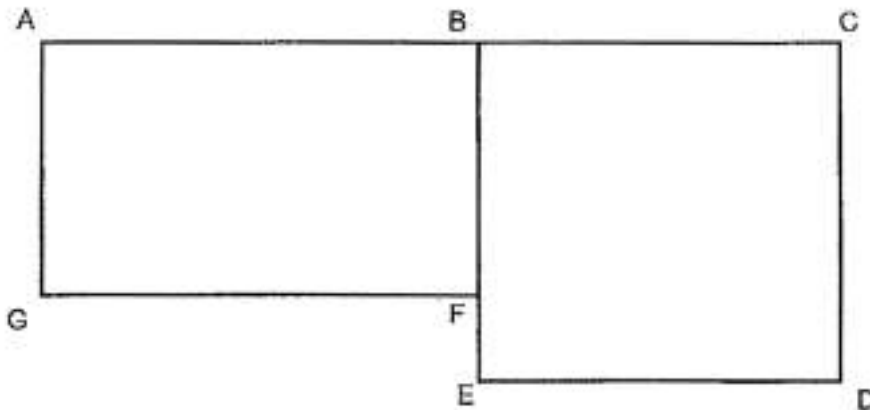
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## Question 52

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure below is made up of rectangle ABFG and square BCDE.  $AC = 52$  cm and  $EF = 8$  cm. The perimeters of rectangle ABFG and square BCDE are the same. Find the area of the figure.



Accepted answers:

- ✓ 904cm<sup>2</sup>
- ✓ 904 cm<sup>2</sup>
- ✓ 904

**Question Type:** Free Text  
**Date Added:** Thu 21st Oct 2021  
**Last Modified:** N/A  
**QID#:** 29,409,227

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