



Tests [Edit Test](#)

[Tests](#) [Groups](#) [Links](#)

Primary 6 Math (Term 4) - Nanyang (Y0)

[Add Questions](#)

[Assign](#)

[Settings](#)

[Review](#)

[Duplicate](#)

[Print](#)

[Delete](#)

[▶ Preview Test](#)

[↶ Assign Test](#)

Test Introduction

[+ Add Introduction](#)

56 Questions (53 Points)

Question Bank: 12,655 Questions

Test Questions

0 Test Assignments

Question 1

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Which of the following numbers is 12 000 when rounded to the nearest hundred?

- A. 11 908
- ✓ B. 11 950
- C. 12 089
- D. 12 095

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,674

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

[Remove From Test](#)

Question 2

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

4 tens and 28 hundredths is _____.

- A. 40.28



- B. 40.028
- C. 4.280
- D. 4028

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,681

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

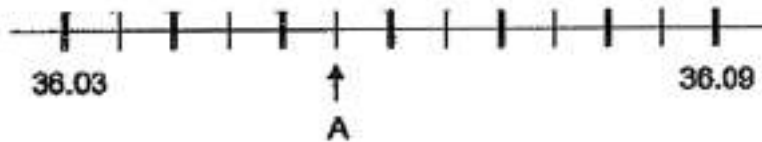
[Remove From Test](#)

Question 3

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the scale below, what is the value of A?



- A. 36.035
- B. 36.051
- C. 36.055
- D. 36.550

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,687

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

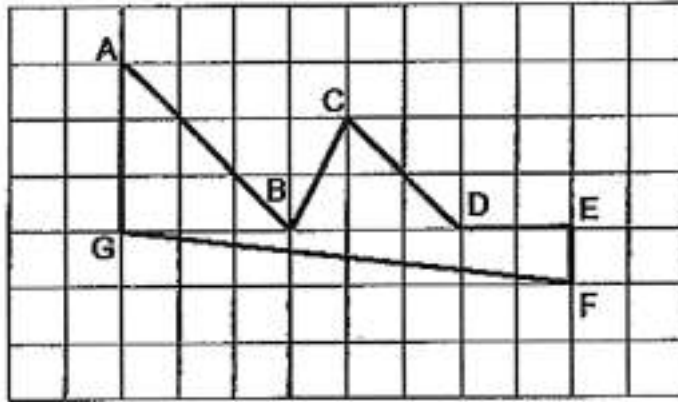
[Remove From Test](#)

Question 4

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Which pair of lines is parallel?



- A. DE and EF
- B. AG and BC
- ✓ C. AB and CD
- D. CD and FG

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,693

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

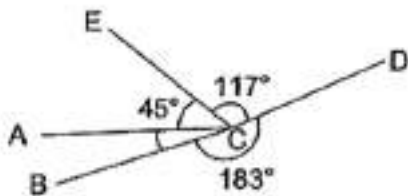
[Remove From Test](#)

Question 5

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, $\angle BCD = 183^\circ$, $\angle ECD = 117^\circ$ and $\angle ACE = 45^\circ$
 Find $\angle BCA$.



- ✓ A. 15
- B. 18
- C. 35
- D. 60

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,696

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

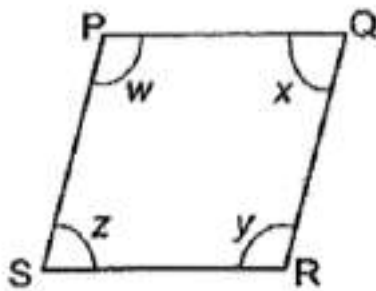
[Remove From Test](#)

Question 6

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure below, PQRS is a rhombus.



Which of the following statements is false?

- A. $w=y$
- B. $PQ=PS$
- C. $PQ \parallel SR$
- ✓ D. $x+z=180$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,705

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

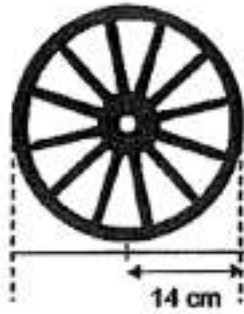
[Remove From Test](#)

Question 7

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A wheel of radius 14 cm made 10 complete turns. Find the distance covered. Take $\pi = \frac{22}{7}$



- A. 440cm
- ✓ B. 880cm
- C. 1760cm
- D. 6160cm

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,711

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

[Remove From Test](#)

Question 8

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Mrs Field $(6n+1)$ coconuts on Monday. She sold n more coconuts on Tuesday than on Monday. How many coconuts did she sell altogether?

- A. $7n + 1$
- B. $11n + 2$
- C. $13n + 1$
- ✓ D. $13n + 2$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,715

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

[Remove From Test](#)

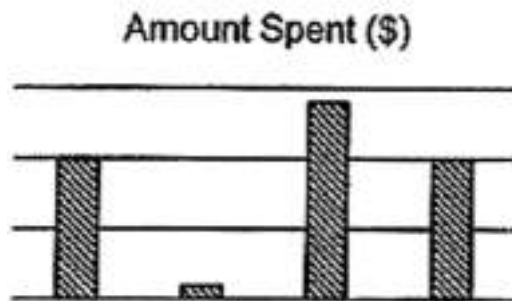
Question 9

The table below shows how Megan spent her money.

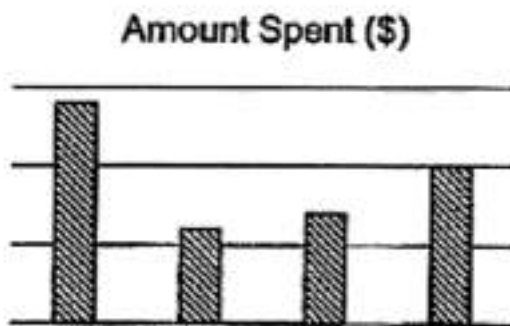
	Magazine	Story Book	Eraser	Pencil Case
Amount spent (\$)	6	10	10	14

Which of the following bar graph best represents Megan's spending?

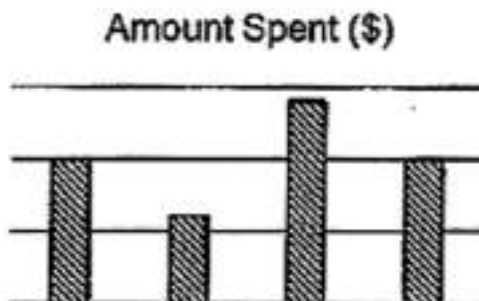
A.



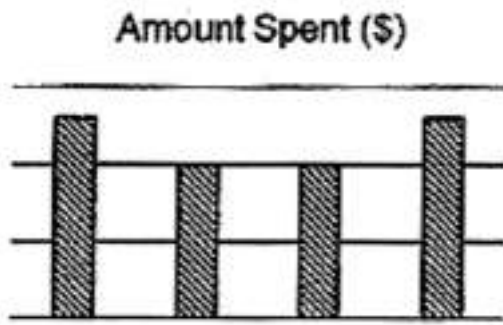
B.



✓ C.



D.



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,720

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

[Remove From Test](#)

Question 10

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Which of the following is likely to be the volume of a can of soft drink?



- A. 3.3ml
- B. 33ml
- ✓ C. 330ml
- D. 3300ml

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,725

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 11**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Which of the following fractions is nearest to $\frac{2}{3}$?

✓ A.

$$\frac{3}{4}$$

B.

$$\frac{5}{6}$$

C.

$$\frac{7}{9}$$

D.

$$\frac{1}{3}$$

Question Type: Multiple Choice

Randomize Answers: No

Date Added: Wed 20th Oct 2021

Last Modified: N/A

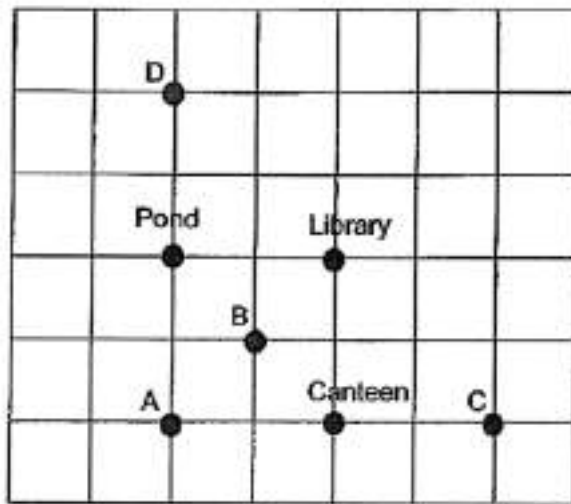
QID#: 29,394,731

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 12**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Seven landmarks on a map of a school are shown in the square grid below. The library is north of the pond. Samad is standing at a location south-east of the library and south of the canteen. Which landmark is Samad standing at?



- ✓ A. A
- B. B
- C. C
- D. D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,733

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

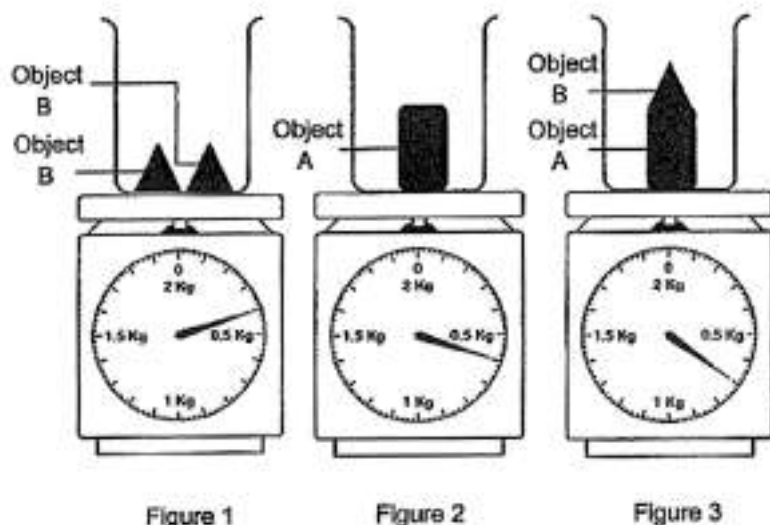
[Remove From Test](#)

Question 13

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Two of Object B are placed into a beaker on a weighing scale as shown in Figure 1. Object A is placed into an identical beaker as shown in Figure 2. Object A and Object B are placed into an identical beaker as shown in Figure 3. Find the mass of the empty beaker.



- A. 0.1kg
- ✓ B. 0.2kg
- C. 0.3kg
- D. 0.4kg

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,735

[↶ Answers](#) |
 [✎ Edit](#) |
 [📄 Duplicate](#) |
 [📌 Used In](#) |
 [⚡ Reorder](#)

[Remove From Test](#)

Question 14

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

At a fruit stall, the price of 3 mangoes is the same as the price of 5 grapefruits. The price of 3 mangoes is also the same as the price of 10 pears. What is the ratio of the price of a mango to the price of a grapefruit to the price of a pear?

- A. 3:10:5
- B. 3:5:10
- C. 10:3:6
- ✓ D. 10:6:3

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,742

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

[Remove From Test](#)

Question 15

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

A repeated pattern is formed using the numbers 0, 1 and 2. The first 18 numbers are shown below.

2	0	2	1	2	0	2	0	2	1	2	0	2	0	2	1	2	0
1 st	2 nd	3 rd															18 th

What is the sum of the first 100 numbers?

- A. 125
- ✓ B. 117
- C. 116
- D. 113

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,744

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

[Remove From Test](#)

Question 16

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Find the value of $\frac{5}{6} \times 24$

Accepted answers:

- ✓ 20

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,748

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

[Remove From Test](#)

Question 17

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Express 735ml in litres.

Accepted answers:

- ✓ 0.735l
- ✓ 0.735 l
- ✓ 0.735

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,751

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

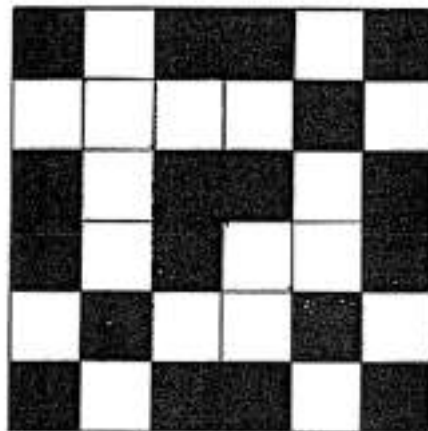
[Remove From Test](#)

Question 18

Primary 6 Math » Primary 6 Math (Prelim)

0 pts

There is 1 line of symmetry for the figure below. Draw in the line of symmetry.



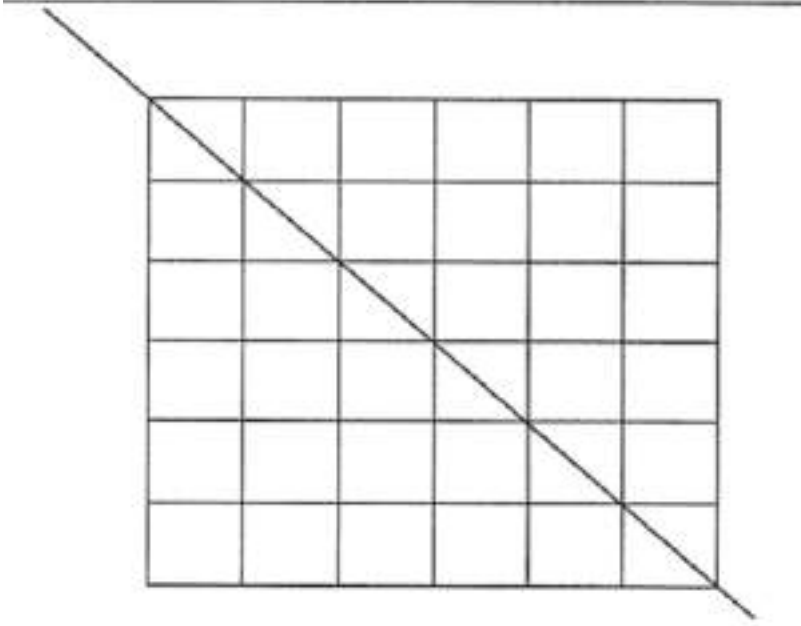
Please type "Done" to proceed to the next question

Question Type: Essay
Date Added: Wed 20th Oct 2021
Last Modified: N/A

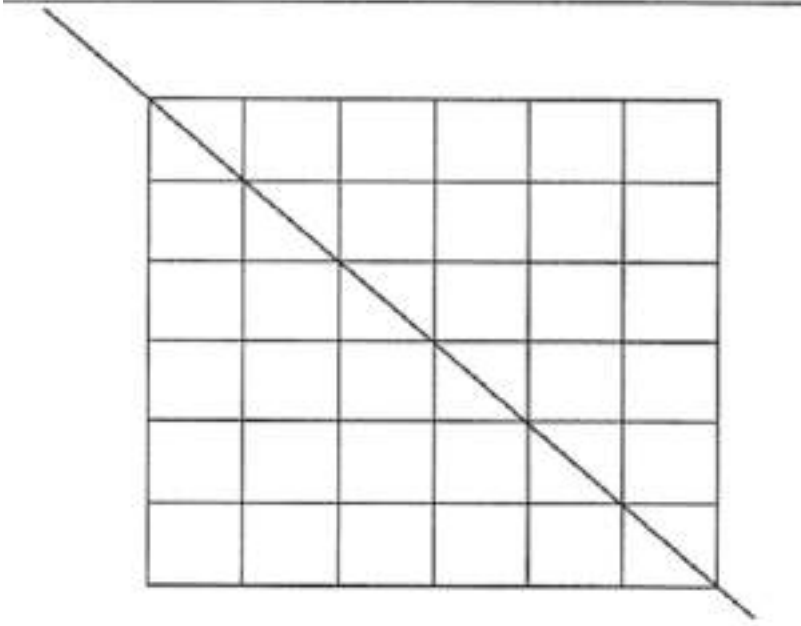
QID#:

29,394,755

Correctly answered feedback



Incorrectly answered feedback



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

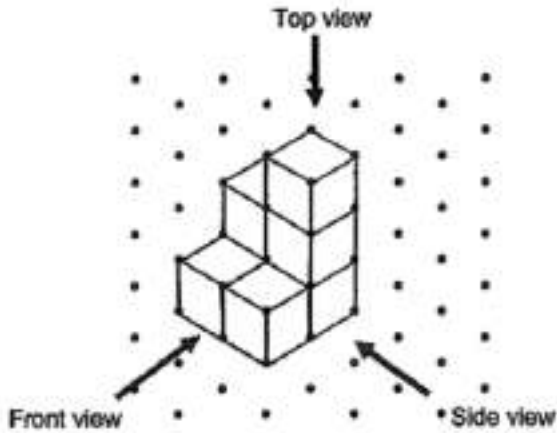
[Remove From Test](#)

Question 19

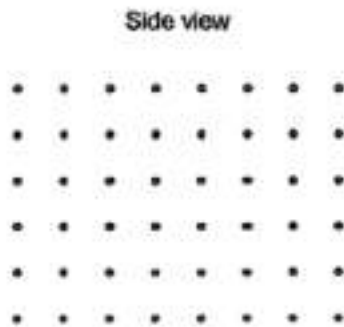
Primary 6 Math » Primary 6 Math (Prelim)

0 pts

Yong Yi stacked 7 unit cubes and glued them together to form the solid below.



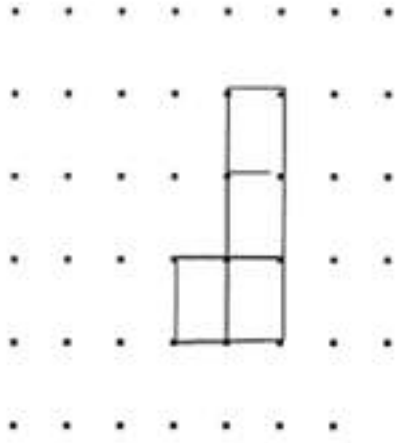
Draw the side view of the solid on the grid below.



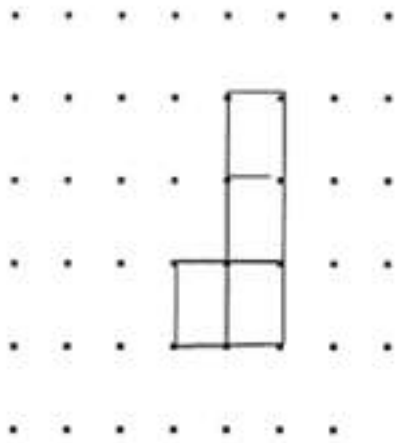
Please type "Done" to proceed to the next question

Question Type: Essay
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,761

Correctly answered feedback



Incorrectly answered feedback



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

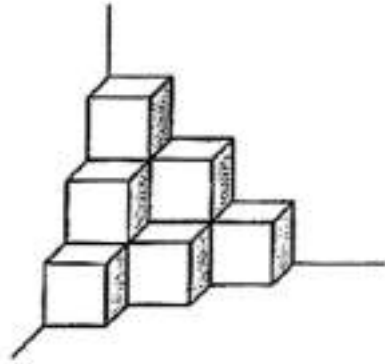
[Remove From Test](#)

Question 20

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The solid below is made up of 1-cm cubes. What is the volume of the solid?



Accepted answers:

- ✓ 10cm³
- ✓ 10 cm³
- ✓ 10

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,762

Correctly answered feedback

$$6+3+1=10$$

Incorrectly answered feedback

$$6+3+1=10$$

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

[Remove From Test](#)

Question 21

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Write down all the common factors of 12 and 18.

Accepted answers:

- ✓ 1,2,3,6
- ✓ 1, 2, 3, 6
- 1, 2, 3, 6



Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,771

Correctly answered feedback

12
 1x12
 2x6
 3x4

18
 1x18
 2x9
 3x6

Incorrectly answered feedback

12
 1x12
 2x6
 3x4

18
 1x18
 2x9
 3x6

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

[Remove From Test](#)

Question 22

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Mdm Hafiz bought a table for \$151.25 and a chair for \$24.14

a) How much did she spend altogether?

Accepted answers:

- ✓ \$175.40
- ✓ \$ 175.40
- ✓ 175.40

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,777

Correctly answered feedback

151.25+24.15=175.40

Incorrectly answered feedback

151.25+24.15=175.40

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 23**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Find the cost of 20 such tables

Accepted answers:

- ✓ \$3025
- ✓ \$ 3025
- ✓ 3025

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,779

Correctly answered feedback

151.25x20=3025

Incorrectly answered feedback

151.25x20=3025

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 24**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

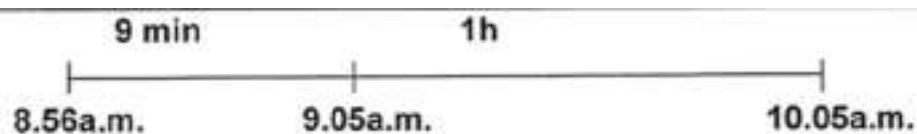
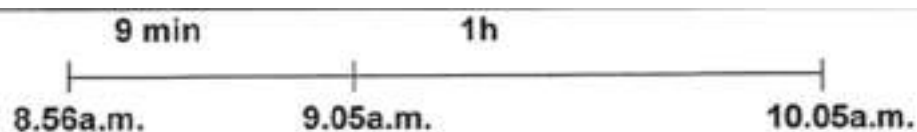
Michelle started reading her book at 8.56am. She stopped reading her book at 10.05am on the same day. How long did Michelle spend reading her book?

__ h __ min

Accepted answers:

- ✓ 1h 9min
- ✓ 1 h 9 min

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,786

Correctly answered feedback**Incorrectly answered feedback**

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

[Remove From Test](#)

Question 25

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Mrs Tay baked 120 cookies on Monday and 150 cookies on Tuesday. What was the percentage increase in the number of cookies baked on Tuesday compared to Monday?

Accepted answers:

- ✓ 25%
- ✓ 25 %
- ✓ 25

Question Type: Free Text

Date Added: Wed 20th Oct 2021

Last Modified: N/A

QID#: 29,394,845

Correctly answered feedback

150-120=30
30/120 x 100% = 25%

Incorrectly answered feedback

150-120=30
30/120 x 100% = 25%

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

[Remove From Test](#)

Question 26

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Nayla divided some bead equally into 2 groups. She packed the first group of beads equally into 4 boxes and the second group of beads equally into 6 packets. 2 such boxes and 5 such packets

contained a total of 6016 beads. How many beads were there in one such packet?

Accepted answers:

✓ 752

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,859

Correctly answered feedback

4B -> 6p
 2B +5p = 6016
 4B+10p -> 12032
 6p + 10p -> 12032
 16p->12032
 p-> 12032÷16=752

Incorrectly answered feedback

4B -> 6p
 2B +5p = 6016
 4B+10p -> 12032
 6p + 10p -> 12032
 16p->12032
 p-> 12032÷16=752

↗ Answers | ✎ Edit | 📄 Duplicate | ↶ Used In | ⚙ Reorder

Remove From Test

Question 27

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Calissa had a piece of cloth. She used $\frac{1}{5}$ m of it to sew a handkerchief and $\frac{3}{5}$ m of it to sew a pouch. She then had $\frac{1}{4}$ m of the cloth left. What was the length of the piece of cloth Calissa had at first?

Accepted answers:

✓ 21/20m
 ✓ 21/20 m
 ✓ 21/20

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: Wed 20th Oct 2021

QID#: 29,394,870

Correctly answered feedback

$$\frac{1}{5} + \frac{3}{5} + \frac{1}{4} = \frac{4}{12} + \frac{12}{20} + \frac{5}{20} = \frac{21}{20} \text{ m}$$

Incorrectly answered feedback

$$\frac{1}{5} + \frac{3}{5} + \frac{1}{4} = \frac{4}{12} + \frac{12}{20} + \frac{5}{20} = \frac{21}{20} \text{ m}$$

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

[Remove From Test](#)

Question 28

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Kyan had 5 kg of salt. He packed the salt into bags. Each bag contained $\frac{3}{8}$ kg of salt. What was the greatest number of such bags of salt Kyan could have packed?

Accepted answers:

✓ 13

Question Type: Free Text

Date Added: Wed 20th Oct 2021

Last Modified: N/A

QID#: 29,394,881

Correctly answered feedback

$$5 \div \frac{3}{8} = 5 \times \frac{8}{3} = \frac{40}{3} = 13\frac{1}{3} \approx 13$$

Incorrectly answered feedback

$$5 \div \frac{3}{8} = 5 \times \frac{8}{3} = \frac{40}{3} = 13\frac{1}{3} \approx 13$$

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

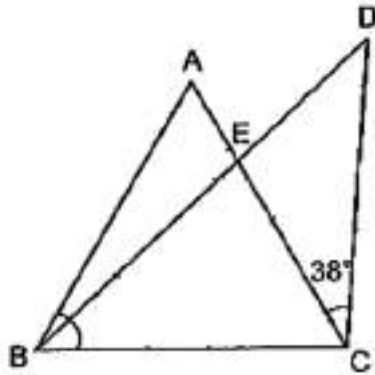
[Remove From Test](#)

Question 29

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure, ABC is an equilateral triangle. $AB = CD$ and $\angle ACD = 38^\circ$.
BED and AEC are straight lines. Find $\angle AEB$.



Accepted answers:

✓ 101

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,886

Correctly answered feedback

180 ÷ 3 = 60
 (180 - 38 - 60) ÷ 2 = 41
 180 - 60 - 41 = 79
 180 - 79 = 101

Incorrectly answered feedback

180 ÷ 3 = 60
 (180 - 38 - 60) ÷ 2 = 41
 180 - 60 - 41 = 79
 180 - 79 = 101

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

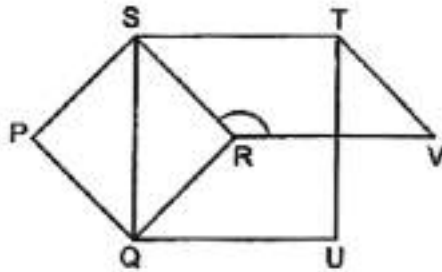
[Remove From Test](#)

Question 30

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the figure, PQRS and STUQ are two squares. STVR is a parallelogram. Find $\angle SRV$.



Accepted answers:

✓ 135

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,893

Correctly answered feedback

$90 \div 2 = 45$
 $180 - 45 = 135$

Incorrectly answered feedback

$90 \div 2 = 45$
 $180 - 45 = 135$

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

[Remove From Test](#)

Question 31

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table shows the number of toys produced by a factory from Monday to Sunday.

Day	Number of toys produced
Monday to Friday	$2y$ per day
Saturday	$4y - 3$
Sunday	$6y + 8$

Find the total number of toys produced in a week given that $y = 5$.

Accepted answers:

✓ 105

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,902

Correctly answered feedback

total $\rightarrow (2y \times 5) + 4y - 3 + 6y + 8 = 100 + 5 - 105$

Incorrectly answered feedback

total $\rightarrow (2y \times 5) + 4y - 3 + 6y + 8 = 100 + 5 - 105$

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

[Remove From Test](#)

Question 32

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Carel had $(5k + 13)$ shells at first. She added k more shells and the total number of shells she had became 151. How many shells did Carel add?

Accepted answers:

✓ 23

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,946

Correctly answered feedback

$5k+13+k=6k+13$
 $6k \rightarrow 151-13=23$
 $k \rightarrow 138 \div 6=23$

Incorrectly answered feedback

$5k+13+k=6k+13$
 $6k \rightarrow 151-13=23$
 $k \rightarrow 138 \div 6=23$

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

[Remove From Test](#)

Question 33

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Every minute, Machine A prints 3 pages. Every hour, Machine A and Machine B print a total of 450 pages. How many pages does Machine B print per hour?

Accepted answers:

✓ 270

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,953

Correctly answered feedback

$1\text{h} = 60\text{min}$
 $3 \times 60 = 180$
 $450 - 180 = 270$

Incorrectly answered feedback

$1\text{h} = 60\text{min}$
 $3 \times 60 = 180$
 $450 - 180 = 270$

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

[Remove From Test](#)

Question 34

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The average of four different 2-digit odd numbers is 27. Two of the numbers are 15 and 29. What could the other two numbers be?

Accepted answers:

✓ 37,27

✓ 37, 27

✓ 37 ,27

✓ 37 27

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,961

Correctly answered feedback

$27 \times 4 = 108$
 $108 - 15 - 29 = 64$
 $37 + 27 = 64$
 $(37 + 27 + 15 + 29) \div 4 = 27$
37,27

Incorrectly answered feedback

$27 \times 4 = 108$
 $108 - 15 - 29 = 64$
 $37 + 27 = 64$
 $(37 + 27 + 15 + 29) \div 4 = 27$
37,27

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

[Remove From Test](#)

Question 35

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Diana was given \$30 to buy some cupcakes from a bakery.



What was the greatest number of cupcakes Diana could buy with all her money?

Accepted answers:

✓ 21

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A

QID#: 29,394,970

Correctly answered feedback

1 set $\rightarrow (2 \times 10) \times (100\% - 30\%) = 14$
 no of sets $\rightarrow 30 \div 14 = 2R2 - ?$ 1 cupcake
 $2 \times 10 + 1 = 21$

Incorrectly answered feedback

1 set $\rightarrow (2 \times 10) \times (100\% - 30\%) = 14$
 no of sets $\rightarrow 30 \div 14 = 2R2 - ?$ 1 cupcake
 $2 \times 10 + 1 = 21$

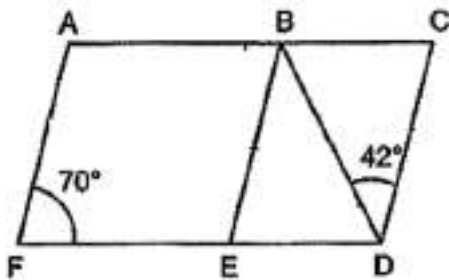
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)

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

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

ACDF and BCDE are parallelograms. $\angle AFE = 70^\circ$ and $\angle CDB = 42^\circ$.
 Find $\angle BDE$.



Accepted answers:

✓ 68

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,977

Correctly answered feedback

$180 - 70 - 42 = 68$

Incorrectly answered feedback

$180 - 70 - 42 = 68$

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

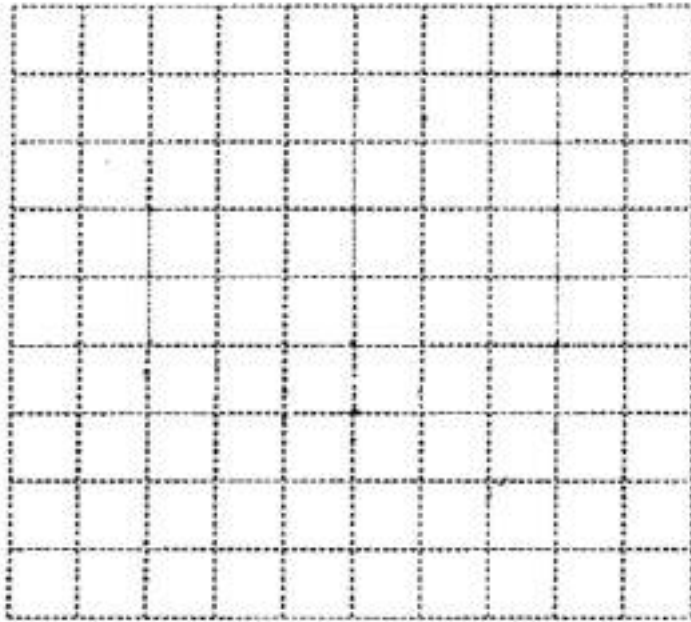
[Remove From Test](#)**Question 37**

Primary 6 Math » Primary 6 Math (Prelim)

0 pts

In the square grid below, JK and KL are straight lines.

- (a) Measure and write down the size of $\angle JKL$.
- (b) JK and KL form two sides of a trapezium JKLM. JM is parallel to KL. KL is twice the length of JM. Complete the drawing of trapezium JKLM.
- (c) KL forms one side of a parallelogram KLNP. The length of JP is twice the length of KP and JKP forms a straight line. Complete the drawing of parallelogram KLNP such that it does not overlap with the trapezium.

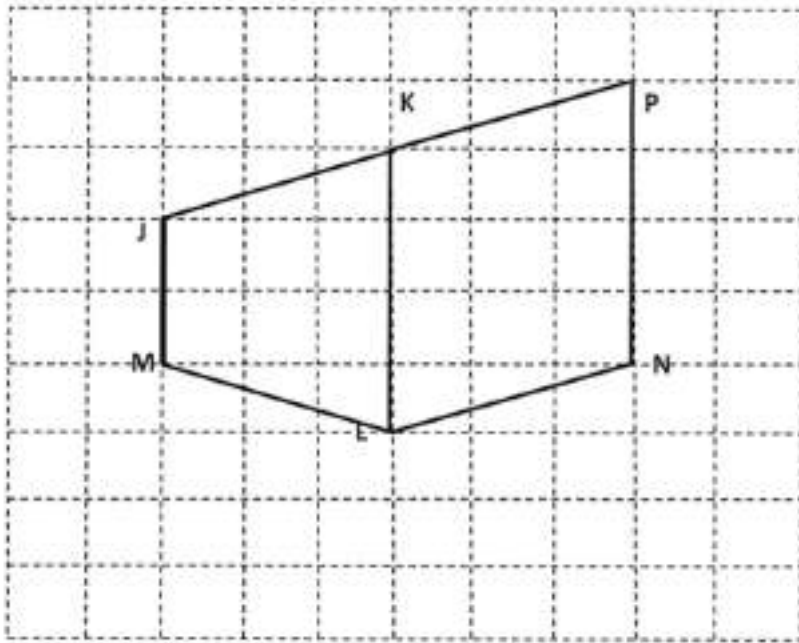


Please type "done" to proceed to the next question

Question Type: Essay
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,980

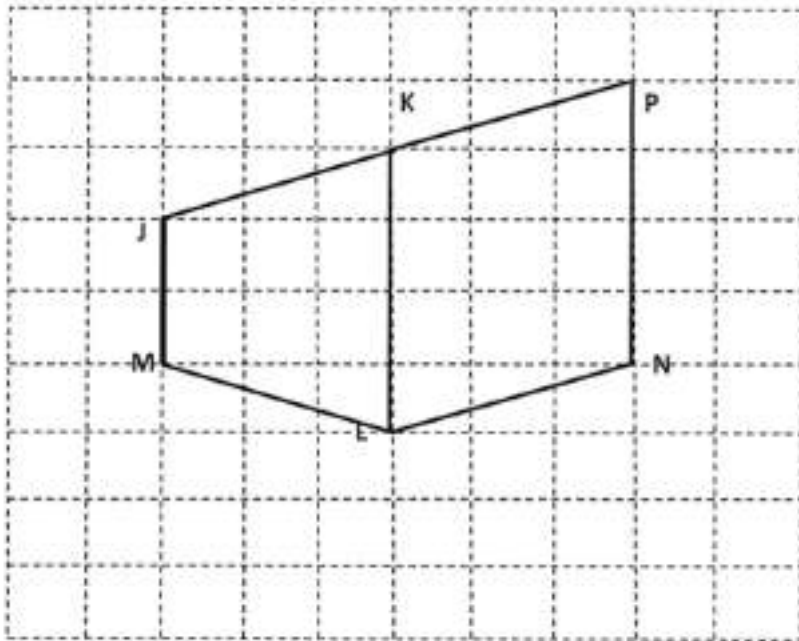
Correctly answered feedback

a) 71°



Incorrectly answered feedback

a) 71°



Question 38

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Heidi bought 4 staplers and 6 files. Each stapler cost \$1.20 more than each file. The total cost of the files was \$6.40 more than the total cost of the staplers. Find the cost of one stapler.

Accepted answers:

- ✓ \$6.80
- ✓ \$ 6.80
- ✓ 6.80

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,989

Correctly answered feedback

1S->1F+1.20
 4S->4F+4.80
 6F->4F+4.80+6.40
 2F->4.80+6.40=11.20
 1F->11.20+2=5.60
 1S->5.60+1.20=6.80

Incorrectly answered feedback

1S->1F+1.20
 4S->4F+4.80
 6F->4F+4.80+6.40
 2F->4.80+6.40=11.20
 1F->11.20+2=5.60
 1S->5.60+1.20=6.80

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

[Remove From Test](#)

Question 39

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Maggie baked some pies and muffins. The number of pies was $\frac{7}{11}$ of the number of muffins. Maggie gave away 6 pies and 14 muffins. In the end, the number of pies left was equal to the number of muffins left. How many pies and muffins did Maggie bake altogether?

Accepted answers:

- ✓ 36

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,394,993

Correctly answered feedback

11U-7U=4U
4U-> 14-6=8
U-> 8÷4=2
7U+11U=18U
18U-> 2X18=36

Incorrectly answered feedback

11U-7U=4U
4U-> 14-6=8
U-> 8÷4=2
7U+11U=18U
18U-> 2X18=36

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

[Remove From Test](#)

Question 40

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Three children received their scores for a Mathematics test. The average scores of any two of the three children are listed below.

Average Scores
83
86
94

What was the highest score among the three children?

Accepted answers:

✓ 97

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: Wed 20th Oct 2021
QID#: 29,394,995

Correctly answered feedback

$$83 \times 2 = 166$$

$$(75 + 91) \div 2 = 83$$

$$86 \times 2 = 172$$

$$(97 + 75) \div 2 = 86$$

$$94 \times 2 = 188$$

$$166 + 172 + 188 = 526$$

$$526 \div 2 = 263 \text{ (total)}$$

Highest : 95 / 96 / 97

ANS: 97

$$263 - 97 = 166$$

$$188 - 97 = 91$$

$$166 - 91 = 75$$

Incorrectly answered feedback

$$83 \times 2 = 166$$

$$(75 + 91) \div 2 = 83$$

$$86 \times 2 = 172$$

$$(97 + 75) \div 2 = 86$$

$$94 \times 2 = 188$$

$$166 + 172 + 188 = 526$$

$$526 \div 2 = 263 \text{ (total)}$$

Highest : 95 / 96 / 97

ANS: 97

$$263 - 97 = 166$$

$$188 - 97 = 91$$

$$166 - 91 = 75$$

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

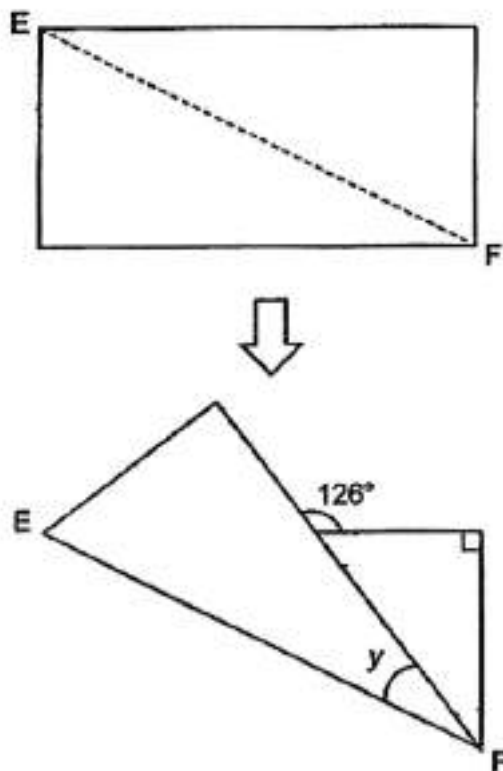
[Remove From Test](#)

Question 41

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Susie had a rectangular piece of paper. She folded the piece of paper along the line EF. Find $\angle y$.



Accepted answers:

✓ 27

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,001

Correctly answered feedback

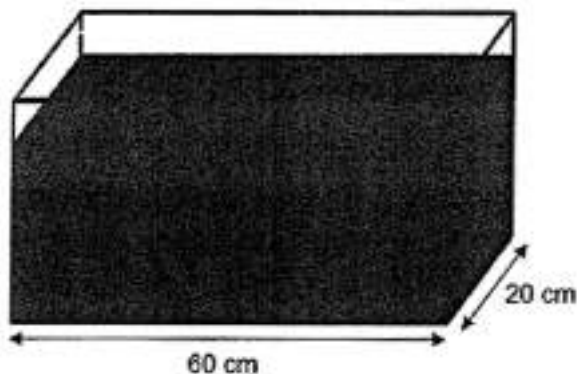
$180-126=54$
 $180-90-54=36$
 $(90-36)\div 2=27$

Incorrectly answered feedback

$180-126=54$
 $180-90-54=36$
 $(90-36)\div 2=27$

Question 42

A rectangular tank measuring 60 cm long and 20 cm wide was $\frac{4}{5}$ - filled with water at first. After Matthias poured some water from the tank into some identical jugs, the height of the water level decreased by 18 cm. Each jug can hold at most 2.25 l of water.



(a) What was the least number of such jugs used?

Accepted answers:

✓ 10

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,004

Correctly answered feedback

$60 \times 20 \times 18 = 21600$
 $21600 \text{ cm}^3 = 21.6 \text{ l}$
 $21.6 \div 2.25 \sim 10$

Incorrectly answered feedback

$60 \times 20 \times 18 = 21600$
 $21600 \text{ cm}^3 = 21.6 \text{ l}$
 $21.6 \div 2.25 \sim 10$

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

[Remove From Test](#)

Question 43

Statement: 20% of the tank was not filled with water at first

A. True



- B. False
- C. Not possible to tell

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,005

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

[Remove From Test](#)

Question 44

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Statement: The height of the tank is 22cm

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,008

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

[Remove From Test](#)

Question 45

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

Edwina and Georgie had the same number of bottles. Edwina and Georgia each had a mix of big bottles and small bottles. Edwina had 5 small bottles while Georgie had 16 big bottles. Each small bottle had a capacity of 400ml, Each big bottle had a capacity of 0.6L. The total capacity of Edwina's bottle was 0.8L more than the total capacity of Georgia's bottle.

a) How many big bottles did Edwina have?

Accepted answers:

- 20

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,011

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

[Remove From Test](#)

Question 46

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) What was the total capacity of Edwina's bottles?

Accepted answers:

- ✓ 14000ml
- ✓ 14000 ml
- ✓ 14000

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,015

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

[Remove From Test](#)**Question 47**

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The table below shows the number of pupils who wear glasses in Primary 3A and the number of girls who wear glasses in Primary 3B. The number of boys who wear glasses in Primary 3B is not shown. The total number of pupils in each class is fewer than 40.

Class	Gender	Number of pupils who wear glasses
3A	Boys	12
	Girls	11
3B	Boys	?
	Girls	10

- (a) The total number of pupils in Primary 3A can be divided equally into 4 groups with no pupils leftover. The total number of pupils in Primary 3A can also be divided equally into 6 groups with no pupils leftover. There are 2 girls in Primary 3A who do not wear glasses. How many boys in Primary 3A do not wear glasses?

Accepted answers:

- ✓ 11

Question Type: Free Text
Date Added: Wed 20th Oct 2021

Last Modified: N/A
 QID#: 29,395,017

Correctly answered feedback

11+12+2=25
 36-25=11

Incorrectly answered feedback

11+12+2=25
 36-25=11

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

[Remove From Test](#)

Question 48

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

(b) The total number of boys in Primary 3B is $\frac{5}{8}$ of the total number of pupils in Primary 3B. How many girls in Primary 3B do not wear glasses?

Accepted answers:

✓ 2

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,019

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

[Remove From Test](#)

Question 49

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

There were three types of fruits in a box. The ratio of the number of mangoes to the total number of apples and oranges was 2:5. The ratio of the numbers of apples to the number of oranges was 9:1. There were 30 more apples than mangoes. After some mangoes were added into the box, 70% of the fruits in the box were mangoes.

a) How many mangoes were there in the end?

Accepted answers:

✓ 140

Question Type: Free Text

Date Added: Wed 20th Oct 2021
 Last Modified: N/A
 QID#: 29,395,030

Correctly answered feedback

a)M : A	A : 0 : total
2 : 5	9 : 1 : 10
X2 x2	
4 : 10	

$$A = 0$$

$$9 = 1$$

$$5u \rightarrow 30$$

$$1u \rightarrow 30 \div 5 = 5 = 6$$

$$4u \rightarrow 6 \times 4 = 24 \text{ (m)}$$

$$10u \rightarrow 6 \times 10 = (A + 0)$$

$$30\% \rightarrow 60$$

$$1\% \rightarrow \frac{60}{30} = 2$$

$$70\% \rightarrow 2 \times 70 = 140$$

Incorrectly answered feedback

$$\begin{array}{r}
 \text{a) M : A} \\
 2 : 5 \\
 \hline
 \text{X2} \quad \text{x2} \\
 4 : 10
 \end{array}
 \qquad
 \begin{array}{r}
 \text{A : 0 : total} \\
 9 : 1 : 10
 \end{array}$$

$$A = 0$$

$$9 = 1$$

$$5u \rightarrow 30$$

$$1u \rightarrow 30 \div 5 = 5 = 6$$

$$4u \rightarrow 6 \times 4 = 24 \text{ (m)}$$

$$10u \rightarrow 6 \times 10 = (A + 0)$$

$$30\% \rightarrow 60$$

$$1\% \rightarrow \frac{60}{30} = 2$$

$$70\% \rightarrow 2 \times 70 = 140$$

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

[Remove From Test](#)

Question 50

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) How many mangoes were added in the box?

Accepted answers:

✓ 116

Question Type: Free Text

Date Added: Wed 20th Oct 2021

Last Modified: N/A

QID#: 29,395,032

Correctly answered feedback

140-24=116

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

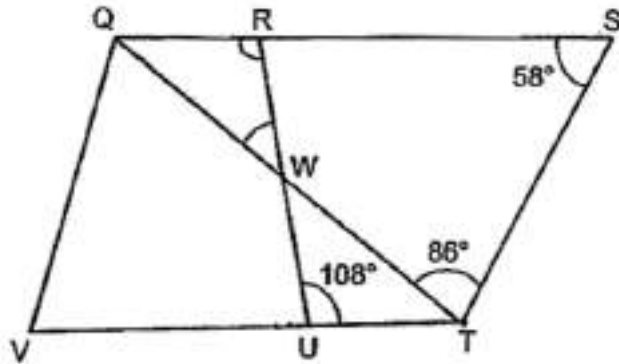
[Remove From Test](#)

Question 51

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

QRUV and RSTU are trapeziums. QRS, VUT and QWT are straight lines. QS is parallel to VT. $\angle QST = 58^\circ$, $\angle STQ = 86^\circ$ and $\angle RUT = 108^\circ$.



(a) Find $\angle RWQ$.

Accepted answers:

✓ 36

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,036

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

[Remove From Test](#)

Question 52

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

In the following statement, circle the words that describe QRW correctly and fill in the blanks accordingly:

QRW (is / is not) an isosceles triangle because

$\angle RQW$ (is / is not) equal to $\angle RWQ$.

✓ A. is, is

- B. is, is not
- C. is not, is
- D. is not, is not

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,044

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

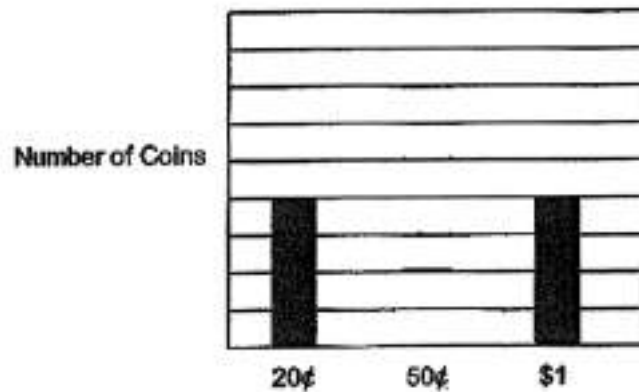
[Remove From Test](#)

Question 53

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The bar graph below shows the types of coin that Max had in his piggy bank. The number of 50¢ coins he had was not shown in the graph.



[3]

He had \$44 altogether. The total amount of \$1 coins that he had was \$16 more than the total amount of 20¢ coins that he had.

(a) How many 20¢ coins did he have?

Accepted answers:

✓ 20

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,050

Correctly answered feedback

1-0.20=0.80
16÷0.80=20

Incorrectly answered feedback

1-0.20=0.80
16÷0.80=20

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

[Remove From Test](#)

Question 54

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Draw the bar for the number of 50 cent coins that Max had in the graph above.

Question Type: Essay

Date Added: Wed 20th Oct 2021

Last Modified: N/A

QID#: 29,395,057

Correctly answered feedback

20x0.20=4
40x1=20
44-20-4=20
44-20-4=20
20÷0.50=40

Incorrectly answered feedback

20x0.20=4
40x1=20
44-20-4=20
44-20-4=20
20÷0.50=40

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

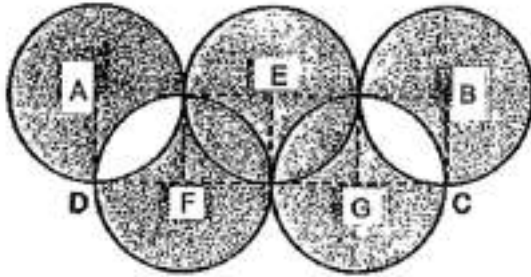
[Remove From Test](#)

Question 55

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

The figure is made up of 5 identical circles. AEBGF are centres of the circles. The area of rectangle ABCD is 400 cm^2 .



(a) Find the radius of the circle.

Accepted answers:

- ✓ 10cm
- ✓ 10 cm
- ✓ 10

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: Wed 20th Oct 2021
QID#: 29,395,064

Correctly answered feedback

$$\begin{aligned} \text{a) } 400 \div 4 &= 100 \\ \sqrt{100} &= 10\text{cm} \end{aligned}$$

Incorrectly answered feedback

$$\begin{aligned} \text{a) } 400 \div 4 &= 100 \\ \sqrt{100} &= 10\text{cm} \end{aligned}$$

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

[Remove From Test](#)

Question 56

Primary 6 Math » Primary 6 Math (Prelim)

1 pt

b) Find the area of the shaded parts

Take $\pi = 3.14$

Accepted answers:

- ✓ 1228cm²
- ✓ 1228 cm²
- ✓ 1228

Question Type: Free Text
Date Added: Wed 20th Oct 2021
Last Modified: N/A
QID#: 29,395,069

Correctly answered feedback

b) $\frac{1}{4} \times 3.14 \times 25 = 78.5$
 $78.5 - 50 = 28.5$ (half leaf)
 $28.5 \times 2 = 57$ (1 leaf)
 $2 \text{ } \curvearrowright + 3 \text{ } \curvearrowleft \rightarrow 12 \text{ } \curvearrowleft$
 $78.5 \times 12 = 942$
 $942 + 285 = 1228\text{cm}^2$

Incorrectly answered feedback

b) $\frac{1}{4} \times 3.14 \times 25 = 78.5$
 $78.5 - 50 = 28.5$ (half leaf)
 $28.5 \times 2 = 57$ (1 leaf)
 $2 \text{ } \curvearrowright + 3 \text{ } \curvearrowleft \rightarrow 12 \text{ } \curvearrowleft$
 $78.5 \times 12 = 942$
 $942 + 285 = 1228\text{cm}^2$

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

[Remove From Test](#)