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Primary 6 Math (Term 2) - Henry Park

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Test Introduction

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55 Questions (95 Points) **Question Bank:** 12,655 Questions

Test Questions | **0** Test Assignments

Question 1

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

Each question carries 1 mark. Four options are given and one of them is the correct answer. (20 marks)

Find the value of 8 + 5 x 8 - 6 / 2

A. 13

B. 21

✔ **C.** 45

D. 49

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,691*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 2

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Aaron, Tom and Xavier had $43.20 altogether. Aaron had 3 times as much money as Tom. Tom has twice as much money as Xavier. How much money did Tom have?

A. $4.80

B. $7.20

✔ **C.** $9.60

D. $14.40

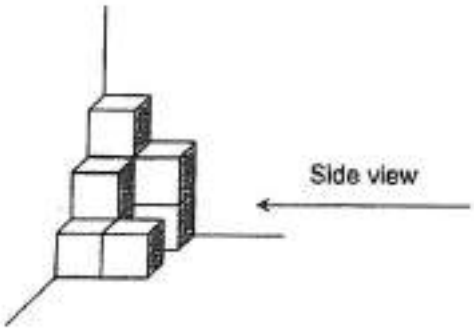
Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,686*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 3

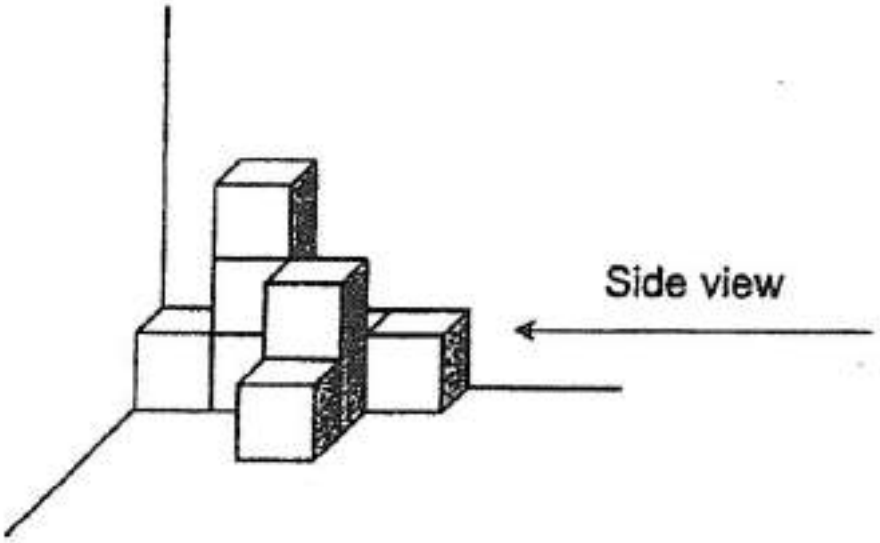
Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Ahmad formed a solid made up of unit cubes as shown below.

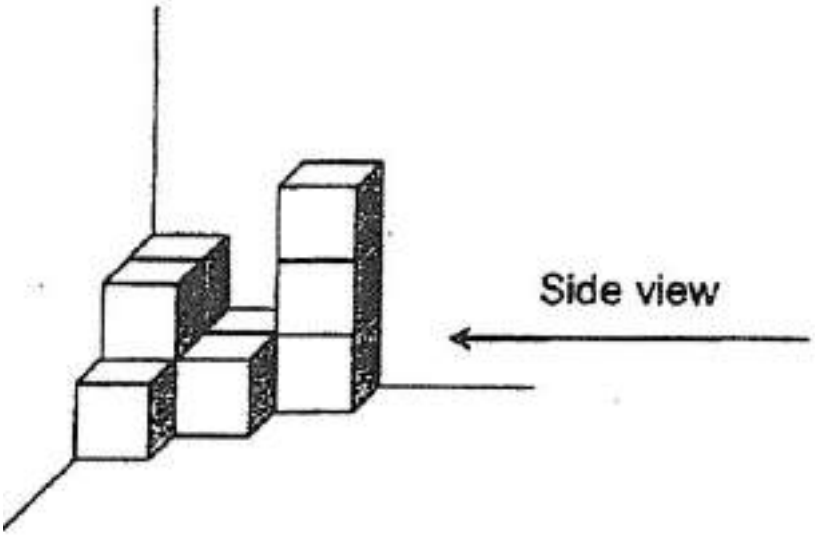


Bala used the same number of unit cubes as Ahmad to form another solid with the same side view. Which of the following is the solid that Bala formed?

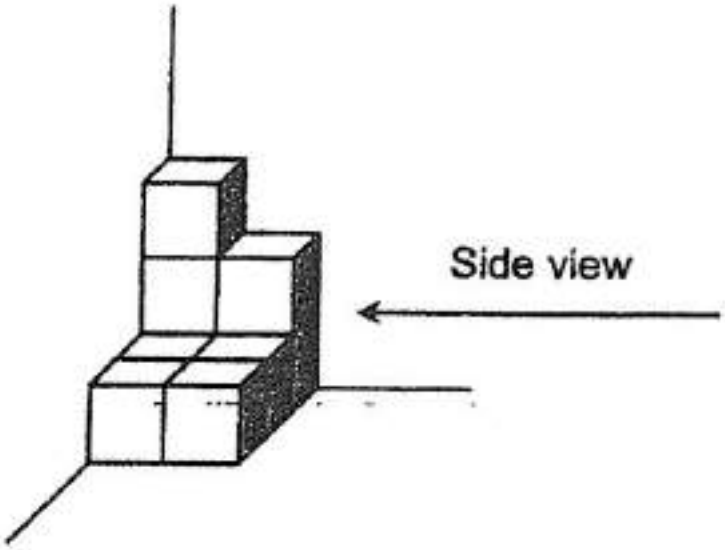
✔ **A.**



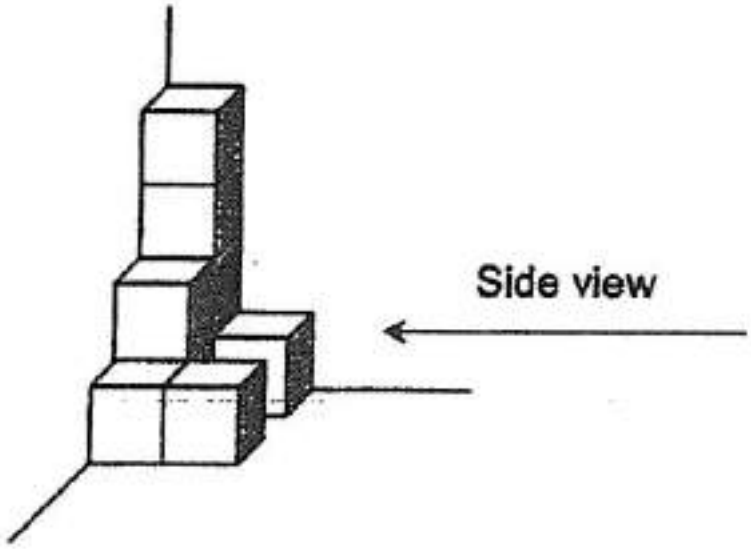
B.



C.



D.



Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,687*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 4

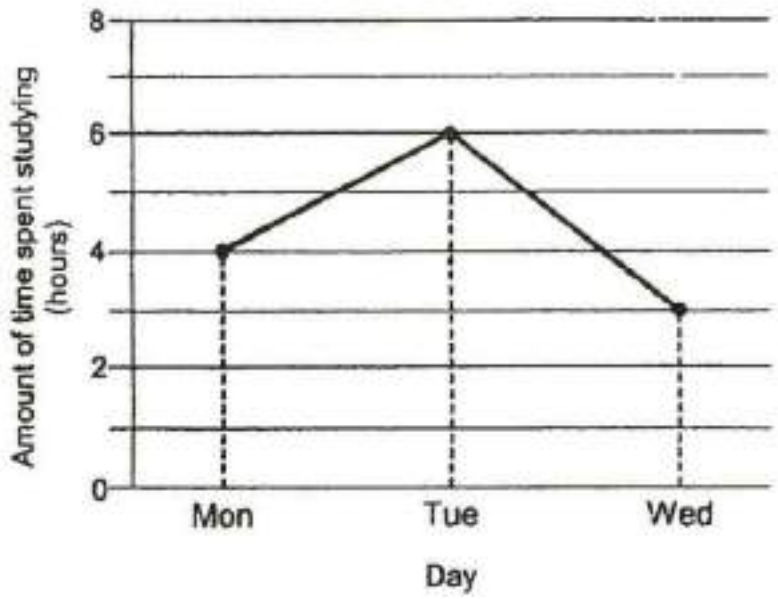
Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The table below shows the amount of time Mary spent studying over 3 days.

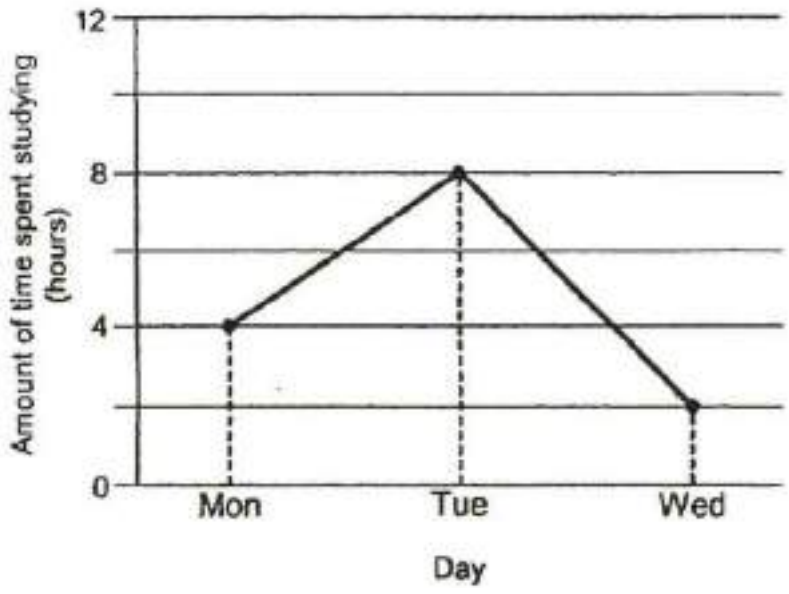
Day	Amount of time spent studying (hours)
Mon	4
Tue	6
Wed	2.5

Which line graph best represents the information given in the table above?

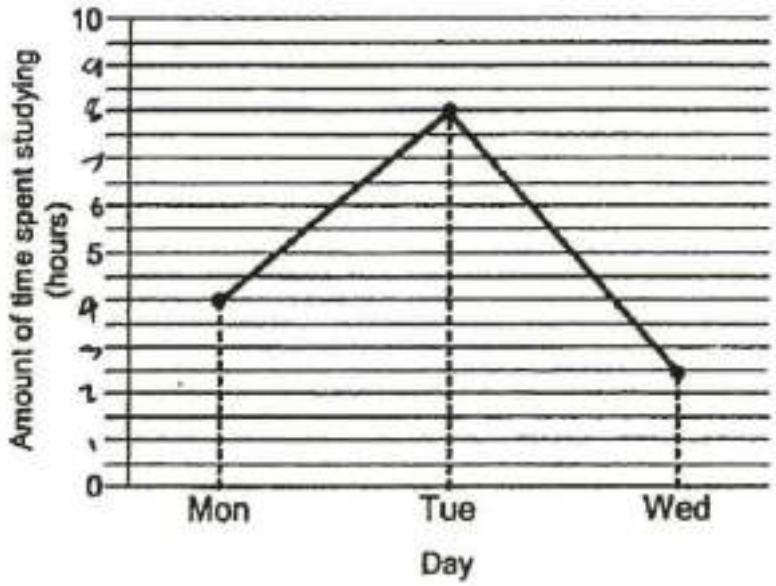
A.



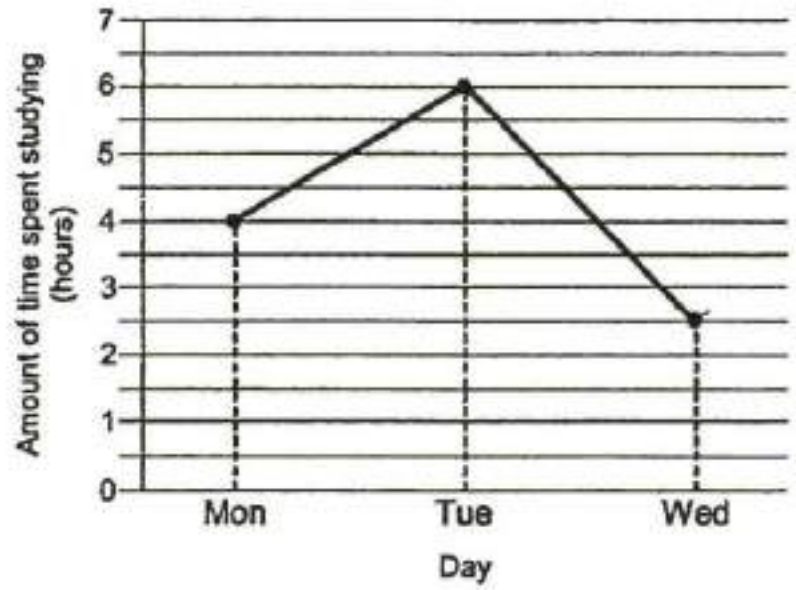
B.



C.



✔ **D.**



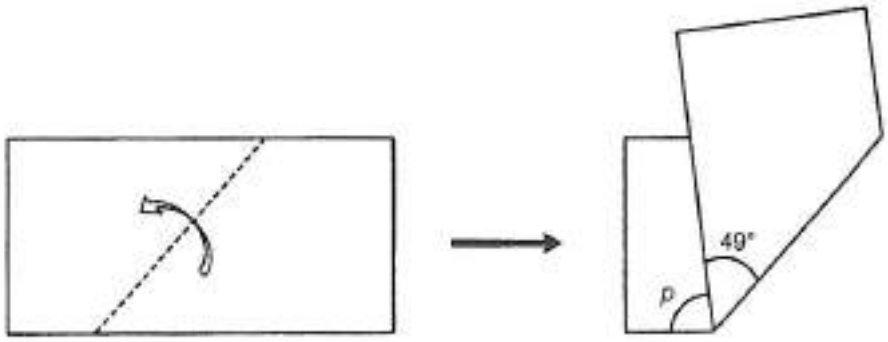
Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,688*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 5

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

A rectangular piece of paper was folded along the dotted line as shown below. Find $\angle p$.



A. 131°

✔ B. 82°

C. 49°

D. 41°

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,689*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 6

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Jiale spent $\frac{5}{8}$ of her money on a purse and 7 similar markers. The cost of each marker is $\frac{1}{6}$ of her remaining money. The total cost of the 7 markers is $12 more than the cost of a purse. How much did Jiale have at first?

A. $20

B. $22

✔ C. $48

D. $64

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*

QID#: *28,775,690*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 7

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

How many sixths are there in $3\frac{2}{3}$?

A. 11

B. 13

C. 20

✔ **D.** 22

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,692*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 8

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

Which of the following is the same as 5080 g?

A. 5 kg 8 g

✔ **B.** 5 kg 80 g

C. 50 kg 8 g

D. 50 kg 80 g

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,693*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 9

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

After donating 25% of his savings, Jack had $60 of his savings left. How much money did he have in his savings at first?

A. $75
✔ B. $80
C. $105
D. $240

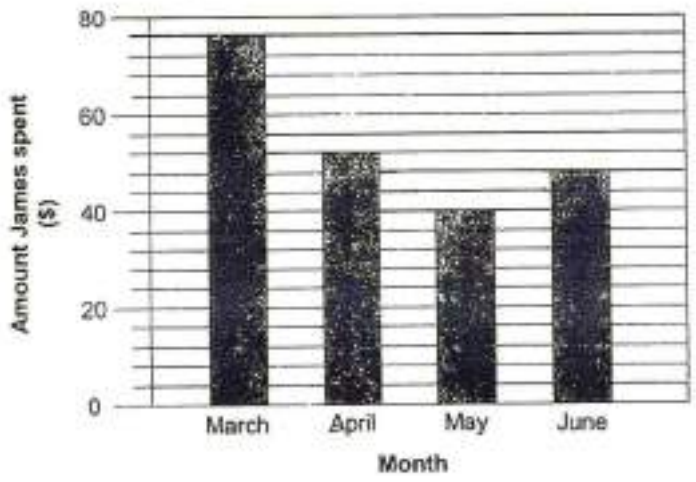
Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,694*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 10

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

James received $150 from his father each month as pocket money. The graph shows the amount of pocket money he spent each month from March to June.



In which month did James spend about half his pocket money?

✔ A. March
B. April
C. May
D. June

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*

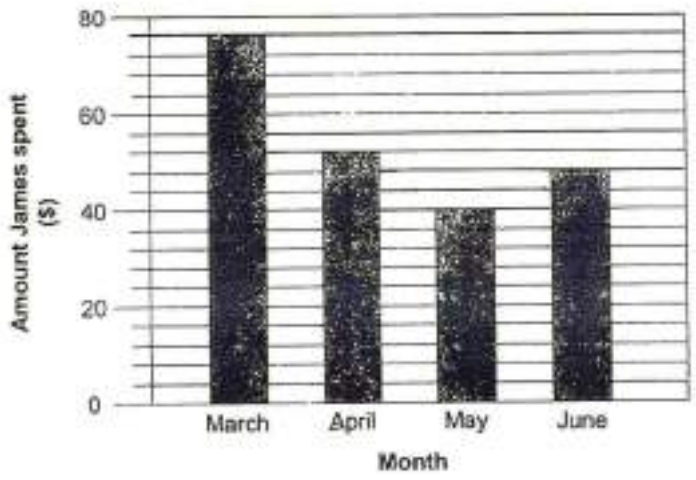
Last Modified: *N/A*
QID#: *28,775,695*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 11

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

James received $150 from his father each month as pocket money. The graph shows the amount of pocket money he spent each month from March to June.



What is the average amount of money that James spent in each month from March to May?

A. $42

B. $46

C. $54

✓ **D.** $56

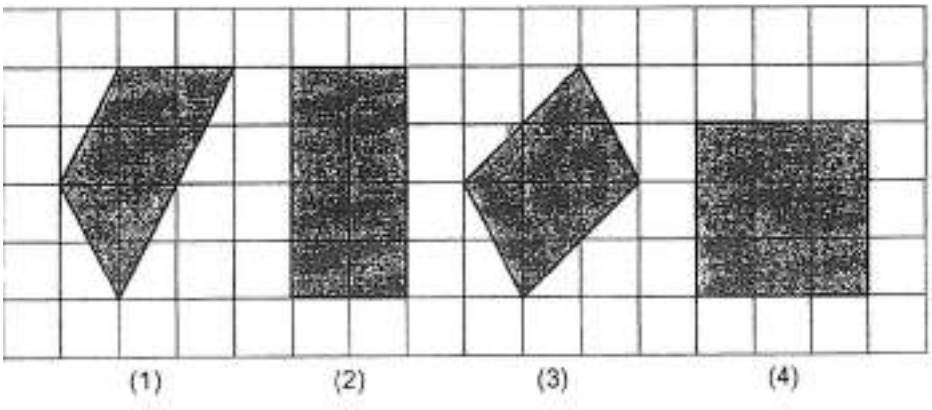
Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,696*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 12

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

The figures below are drawn on a square grid. Which one of the following figures is an example of a rhombus?



A. 1

B. 2

C. 3

✔ **D.** 4

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,697*

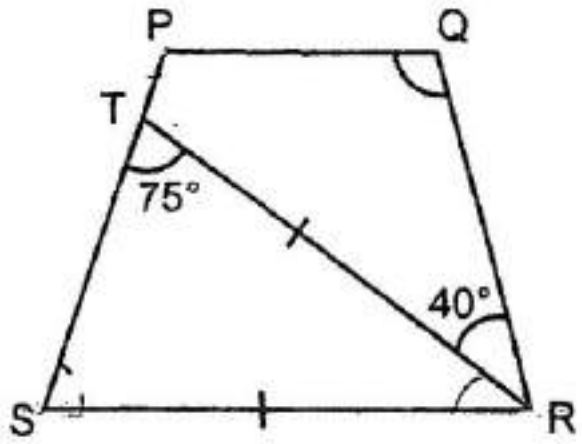
Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 13

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

In the figure below, PQRS is a trapezium and RT = RS.

PQ is parallel to SR. Find ∠PQR.



A. 75°

✔ **B.** 105°

C. 110°

D. 140°

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,698*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 14

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

There are 16 girls in a class of 36 pupils. What is the ratio of the number of girls to the number of boys?

✔ **A.** 4:05

B. 4:09

C. 5:04

D. 5:09

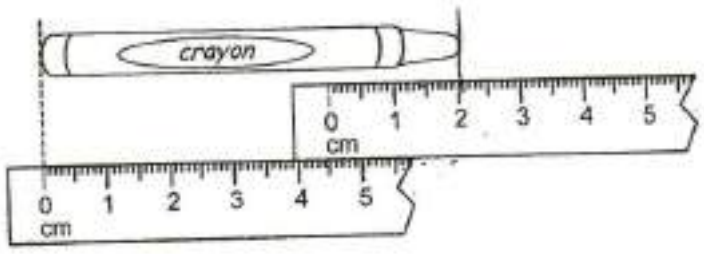
Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,699*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 15

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

What is the length of the crayon shown in the figure below?



A. 6.0 cm

✔ **B.** 6.5 cm

C. 6.7 cm

D. 7.0 cm

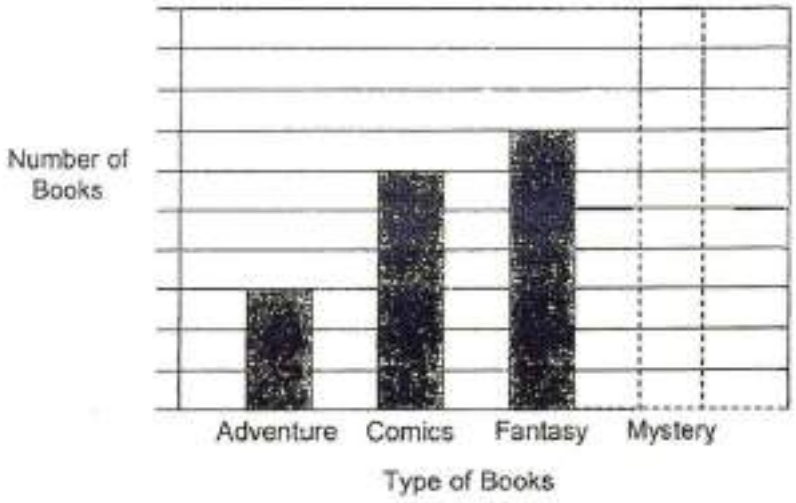
Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,700*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 16

Primary 6 Math » Primary 6 Math (Term 2) 0 pts

Books in a library are grouped according to the following types: Adventure, Comics, Fantasy and Mystery. The bar graph shows the number of each type of books in the library. The bar that shows the number of Mystery books has not been drawn.



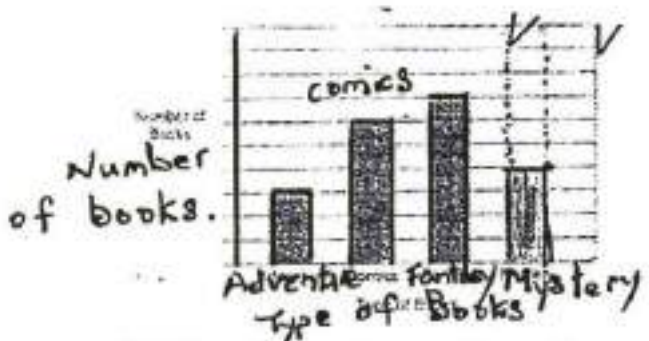
35% of all the books in the library are Fantasy books.
In the graph above, draw the bar to show the number of Mystery books in the library.

This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

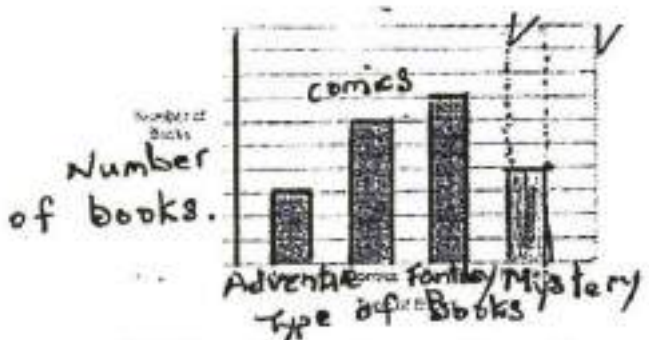
Question Type:	*Essay*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,706*

Correctly answered feedback



35% of books = 7 units
100% of books = 20 units
20 – 7 – 6 – 3 = 4 units

Incorrectly answered feedback



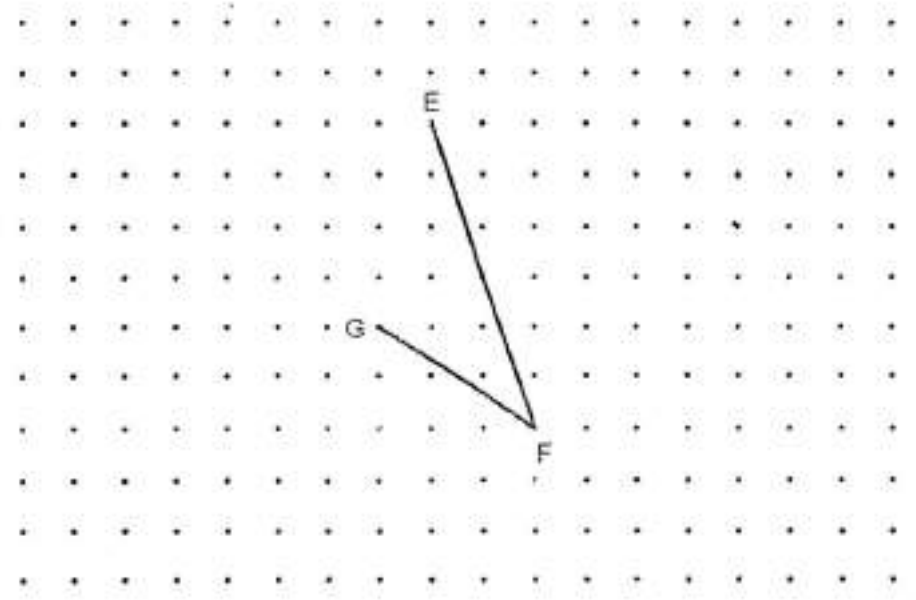
35% of books = 7 units
100% of books = 20 units
20 – 7 – 6 – 3 = 4 units

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 17

Primary 6 Math » Primary 6 Math (Term 2) 0 pts

In the grid below, two lines EF and FG have been drawn.



EF and FG are two sides of a parallelogram EFGH. Complete the drawing of the parallelogram EFGH. [1]

GF also forms a side of a square GFKL. K and L are two dots in the grid. Complete the drawing of the square GFKL such that it does not overlap with parallelogram EFGH. [1]

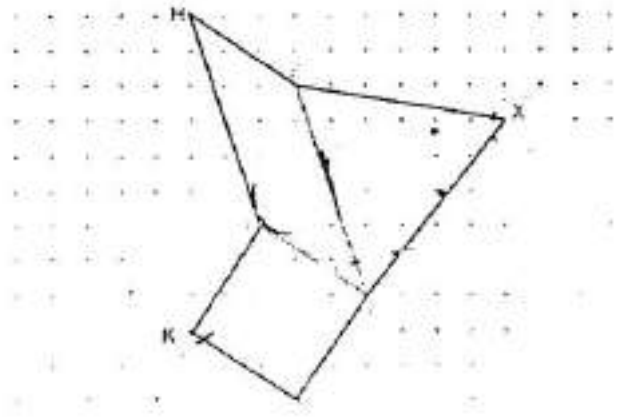
EF also forms one side of an isosceles triangle EFX in which EF = FX and ∠EFX is less than 90°. X is a dot in the grid. Complete the drawing of the triangle EFX such that it does not overlap with parallelogram EFGH. [1]

This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

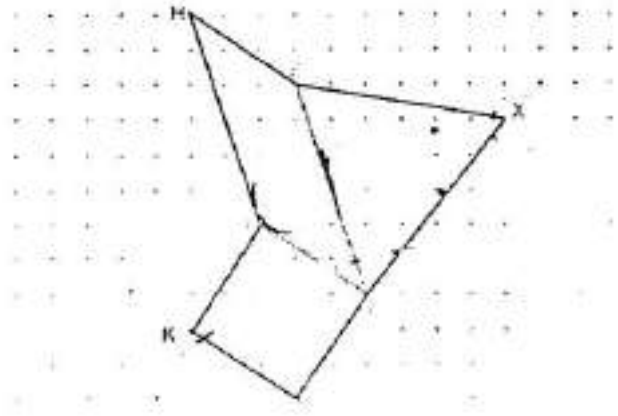
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question Type:	*Essay*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,707*

Correctly answered feedback



Incorrectly answered feedback



Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 18

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

A supermarket prepared vouchers of three different values for a lucky draw. The value of each voucher was either $10, $20 or $50.
There were half as many twenty-dollar vouchers as the total number of ten-dollar and fifty-dollar vouchers.
The ratio of the number of ten-dollar to fifty-dollar vouchers was 5 : 3.
The total value of all the vouchers prepared was $4760.

What is the ratio of the number of twenty-dollar to ten-dollar to fifty-dollar vouchers?

Accepted answers:

✔ 4:05:03

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*

QID#: *28,775,709*

Correctly answered feedback

$10	$20	$30
5units	4 units	3 units

Ratio = 4 : 5 : 3

Incorrectly answered feedback

$10	$20	$30
5units	4 units	3 units

Ratio = 4 : 5 : 3

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 19

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

A supermarket prepared vouchers of three different values for a lucky draw. The value of each voucher was either $10, $20 or $50.
There were half as many twenty-dollar vouchers as the total number of ten-dollar and fifty-dollar vouchers.
The ratio of the number of ten-dollar to fifty-dollar vouchers was 5 : 3.
The total value of all the vouchers prepared was $4760.

What was the total number of vouchers prepared?

Accepted answers:

✓ 204 vouchers

✓ 204

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,711*

Correctly answered feedback

5units x $10 + 4units x $20 + 3units x $30 = $4760
280 units = 4760
1 unit = 17
5 units + 4 units + 3 units = 12 units
12 units x 17 = 204 vouchers

Incorrectly answered feedback

5units x $10 + 4units x $20 + 3units x $30 = $4760
280 units = 4760
1 unit = 17
5 units + 4 units + 3 units = 12 units
12 units x 17 = 204 vouchers

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 20

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

Jacky and Michelle made some bookmarks over two days. On Monday, Jacky made 18 more bookmarks than Michelle. On Tuesday, Jacky made another 25 bookmarks and Michelle made another 19. At the end of the two days, Jacky made $\frac{5}{8}$ of the total number of bookmarks. How many bookmarks did Michelle make altogether?

Accepted answers:

✔ 36

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,710*

Correctly answered feedback

18 + 25 = 43
43 – 19 = 24
2 units = 24
1 unit = 12
3 units = 12 x 3
= 36

Incorrectly answered feedback

18 + 25 = 43
43 – 19 = 24
2 units = 24
1 unit = 12
3 units = 12 x 3
= 36

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 21

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

Liz spent $68.50 on 3 bars of chocolate, 4 boxes of cookies and a bag of sweets. The cost of each bar of chocolate is $\frac{2}{5}$ as much as each box of cookies. The bag of sweets cost $1.50 less than each bar of chocolate. What is the cost of the bag of sweets?

Accepted answers:

- ✔ $3.50
- ✔ $3 . 50
- ✔ $ 3 . 50
- ✔ $3 .50
- ✔ $3. 50
- ✔ $ 3. 50
- ✔ $ 3 .50

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,712*

Correctly answered feedback

2 x 3 = 6
5 x 4 =20
6 + 20 + 2 = 28
$68.50 + $1.50 = $70
$70 ÷ 28 = $2.50
$2.50 x 2 = $5
$5 - $1.50 = $3.50

Incorrectly answered feedback

2 x 3 = 6
5 x 4 =20
6 + 20 + 2 = 28
$68.50 + $1.50 = $70
$70 ÷ 28 = $2.50
$2.50 x 2 = $5
$5 - $1.50 = $3.50

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 22

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

Each question carries 1 mark. For questions which require units, give your answers in the units stated. (5 marks)

Find the value of 12.4 - 8.07.

Accepted answers:

✔ 4.33

✔ 4 . 33

✔ 4 .33

✔ 4. 33

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,713*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 23

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

Express 2.93 metres in centimetres.

Accepted answers:

✔ 293cm

✔ 293 cm

✔ 293

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,714*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 24

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

On Monday, Jimmy paid $42.90 for 9 jars and some marbles at a shop. On Tuesday, he went to the same shop and paid $64.70 for 11 jars and some marbles. Each jar cost $1. He bought 66 more marbles on Tuesday than Monday. Jimmy packed all the marbles he bought into the 20 jars. Some jars contained 12 marbles while the rest contained 16. Given that the cost of each marble was the same,

How many marbles did Jimmy buy altogether?

Accepted answers:

✔ 292

✔ 292 marbles

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*

Last Modified: *N/A*
QID#: *28,775,715*

Correctly answered feedback

$42.90 - $9 = $33.90 (some marbles)
$64.70 - $11 = $53.70 (some marbles + 66 marbles)
66 marbles = $19.80
1 marble = $0.30

$33.90 + $53.70 = $87.60
$87.60 / 0.3 = 292

Incorrectly answered feedback

$42.90 - $9 = $33.90 (some marbles)
$64.70 - $11 = $53.70 (some marbles + 66 marbles)
66 marbles = $19.80
1 marble = $0.30

$33.90 + $53.70 = $87.60
$87.60 / 0.3 = 292

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 25

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

On Monday, Jimmy paid $42.90 for 9 jars and some marbles at a shop. On Tuesday, he went to the same shop and paid $64.70 for 11 jars and some marbles. Each jar cost $1. He bought 66 more marbles on Tuesday than Monday. Jimmy packed all the marbles he bought into the 20 jars. Some jars contained 12 marbles while the rest contained 16. Given that the cost of each marble was the same,

How many jars contained 16 marbles?

Accepted answers:

✔ 13

✔ 13 jars

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,716*

Correctly answered feedback

Assume all the jars contain 12 marbles

12 x 20 = 240
292 - 240 = 52
16 - 12 = 4
52 / 4 = 13 (jars containing 26 marbles)

Incorrectly answered feedback

Assume all the jars contain 12 marbles

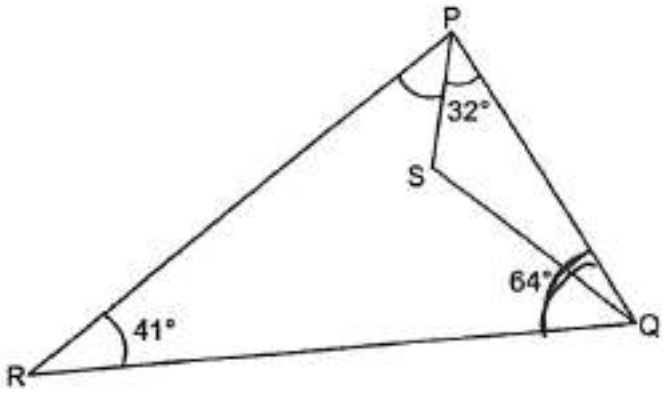
12 x 20 = 240
292 - 240 = 52
16 - 12 = 4
52 / 4 = 13 (jars containing 26 marbles)

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 26

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

In the figure below, ∠PRQ = 41°, ∠PQR = 64° and ∠SPQ = 32°.
Find ∠RPS.



Accepted answers:

- ✔ 43 degrees
- ✔ 43 degree
- ✔ 43

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,717*

Correctly answered feedback

43°

Incorrectly answered feedback

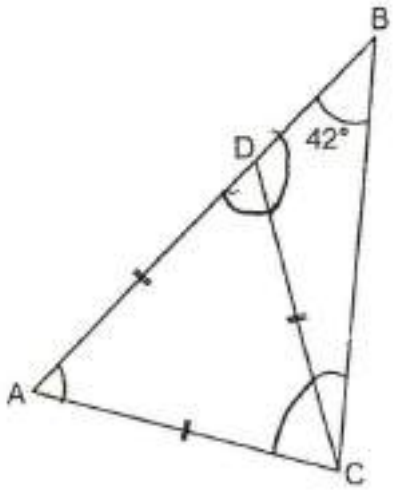
43°

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 27

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

In the figure below, ADC is an equilateral triangle. Find ∠DCB.



Accepted answers:

- ✓ 18 degree
- ✓ 18 degrees
- ✓ 18

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,718*

Correctly answered feedback

18^{o}

Incorrectly answered feedback

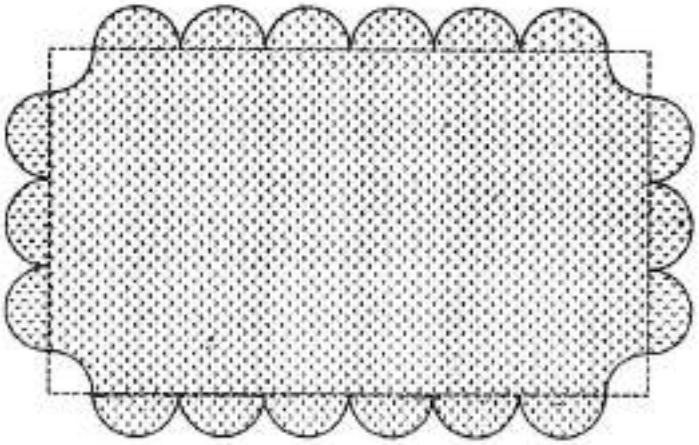
18^{o}

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 28

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The shaded figure below shows a rug. The outline of the rug is formed by semicircles and quarter circles, each of radius 7 cm.



(Take $\pi = \frac{22}{7}$)

Find the perimeter of the rug.

Accepted answers:

- ✔ 440 cm square
- ✔ 440cm square

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,719*

Correctly answered feedback

Perimeter of the rug = 2(22/7)r x 10 = 440cm^2

Incorrectly answered feedback

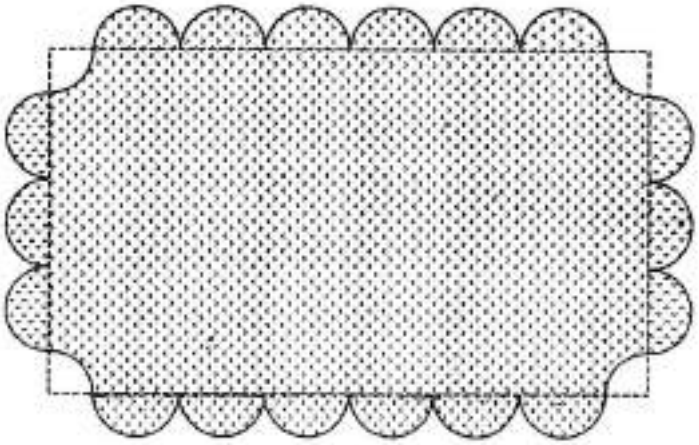
Perimeter of the rug = 2(22/7)r x 10 = 440cm^2

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 29

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

The shaded figure below shows a rug. The outline of the rug is formed by semicircles and quarter circles, each of radius 7 cm.



(Take $\pi = \frac{22}{7}$)

Find the area of the rug.

Accepted answers:

- ✔ 6720cm square
- ✔ 6720 cm square
- ✔ 6 720 cm square
- ✔ 6 720cm Square

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,721*

Correctly answered feedback

Length of rectangle = 7 x 7 x 2 = 98 cm
Breadth of rectangle = 7 x 4 x 2 = 56 cm

Area of rectangle = 98 x 56 = 5488 cm^2

Area of circles = π x 7 x 7 x 9
= 1386cm^2
Area of 1 circle = π x 7 x 7
= 154cm^2

Area of shaded = 5488 + 1386 – 154
= 6720cm^2

Incorrectly answered feedback

Length of rectangle = 7 x 7 x 2 = 98 cm
Breadth of rectangle = 7 x 4 x 2 = 56 cm
Area of rectangle = 98 x 56 = 5488 cm^2

Area of circles = π x 7 x 7 x 9
= 1386cm^2
Area of 1 circle = π x 7 x 7
= 154cm^2

Area of shaded = 5488 + 1386 – 154
= 6720cm^2

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 30

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

Express 0.009 as a percentage.

Ans: _____%

Accepted answers:

- ✔ 0.90%
- ✔ 0 .9%
- ✔ 0 . 9 %
- ✔ 0 . 9%
- ✔ 0 .9 %
- ✔ 0. 9%

- ✔ 0. 9 %
- ✔ 0.9
- ✔ 0 . 9
- ✔ 0 .9
- ✔ 0. 9

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,720*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 31

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Each question carries 2 marks. Show your working clearly and give your answers in the units stated required for each question. (20 marks)

Joe had a ribbon 27 m long. He used $\frac{4}{9}$ of the ribbon to tie a present.
What was the length of the ribbon used to tie the present?

Ans: _____m

Accepted answers:

- ✔ 12 m
- ✔ 12m
- ✔ 12
- ✔ 12 metres

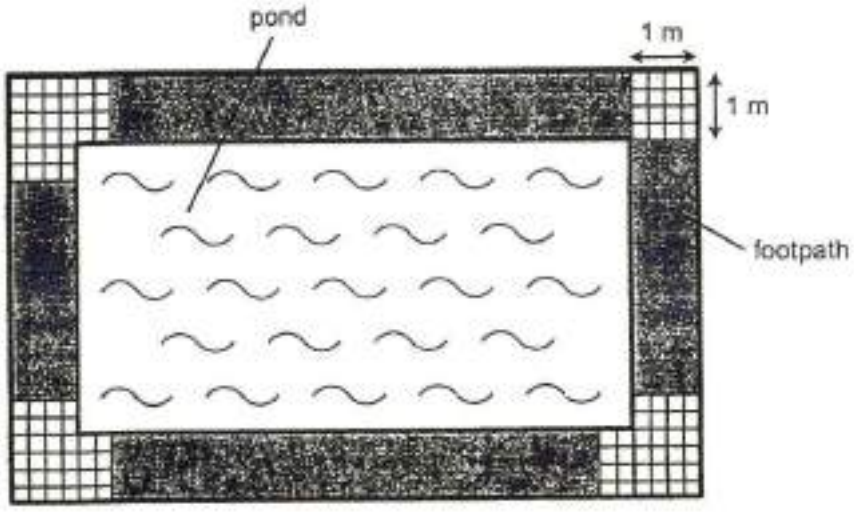
Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,722*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 32

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

The figure shows a rectangular pond surrounded by a footpath. The width of the footpath is 1 m throughout. The footpath is fully covered by 488 square tiles of side 0.25 m each, following the pattern shown below. Each tile is in contact with those next to it. What is the perimeter of the pond?



Accepted answers:

- ✔ 26.5 m
- ✔ 26.5m
- ✔ 26 . 5m
- ✔ 26.5
- ✔ 26 .5m
- ✔ 26 .5 m
- ✔ 26. 5m
- ✔ 26. 5 m

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,723*

Correctly answered feedback

4 x 4 x 4 = 64
488 - 64 = 424
424 / 4 = 106
106 x 0.25m = 26.5m

Incorrectly answered feedback

4 x 4 x 4 = 64
488 - 64 = 424

424 / 4 = 106
106 x 0.25m = 26.5m

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 33

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

A total of 481 teachers and principals attended a conference in an auditorium. At the end of the conference, $\frac{4}{5}$ of the teachers and $\frac{3}{4}$ of the principals left the auditorium. 26 more teachers than principals remained in the auditorium.

How many principals remained in the auditorium?

Accepted answers:

✔ 39

✔ 39 principals

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,724*

Correctly answered feedback

26 x 5 = 130
481 - 130 = 351
351 / 9 = 39

Incorrectly answered feedback

26 x 5 = 130
481 - 130 = 351
351 / 9 = 39

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 34

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

A total of 481 teachers and principals attended a conference in an auditorium. At the end of the conference, $\frac{4}{5}$ of the teachers and $\frac{3}{4}$ of the principals left the auditorium. 26 more teachers than principals remained in the auditorium.

All the remaining teachers and principals were put into a number of groups. The number of remaining teachers were divided equally into the groups. The number of remaining principals were also divided equally into the groups. What was the greatest possible number of groups the teachers and the principals were put into?

Accepted answers:

✔ 13

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,726*

Correctly answered feedback

39 + 26 = 65

Factors of 65: 1, 5, **13**, 65
Factors of 39: 1, 3, **13**, 39

Incorrectly answered feedback

39 + 26 = 65

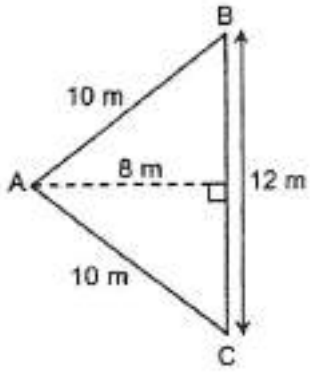
Factors of 65: 1, 5, **13**, 65
Factors of 39: 1, 3, **13**, 39

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 35

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

What is the area of triangle ABC shown below?



Ans: _____ m^2

Accepted answers:

- ✔ 48m Square
- ✔ 48
- ✔ 48 m square

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,725*

Correctly answered feedback

$48m^2$

Incorrectly answered feedback

$48m^2$

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 36

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

How much does Ali have to pay for the bag after adding 7% GST?

Ans: $ _____

Accepted answers:

- ✔ $53.50
- ✔ $53 . 50
- ✔ $53. 50
- ✔ $53 .50
- ✔ $ 53. 50
- ✔ $ 53 . 50
- ✔ 53.5
- ✔ 53 . 50
- ✔ 53 .50
- ✔ 53. 50

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,727*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 37

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Find the value of $3w - \frac{2w}{5} + 6$ when $w = 5$

Accepted answers:

- ✔ 19

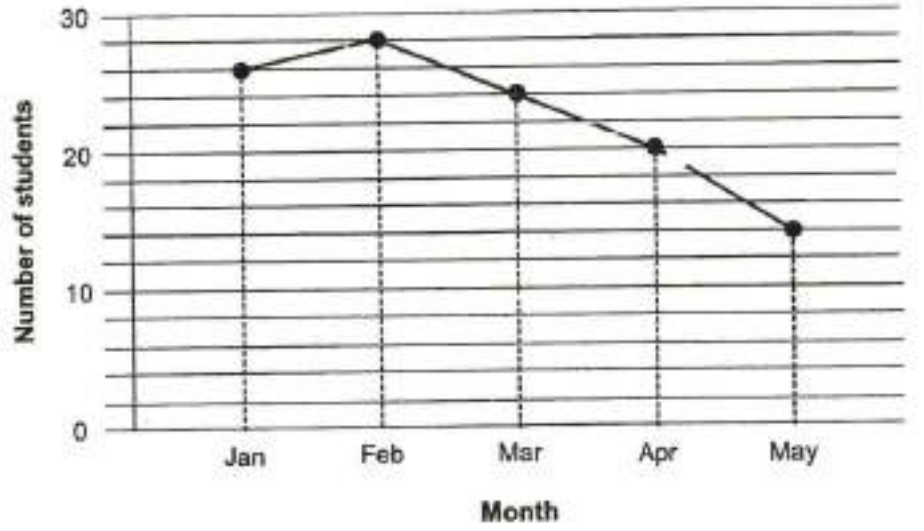
Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,728*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 38

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The line graph shows the number of students who were late for school from January to May.



$\frac{5}{7}$ of all the students who were late were girls. How many boys were late?

Accepted answers:

✔ 32

✔ 32 boys

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,729*

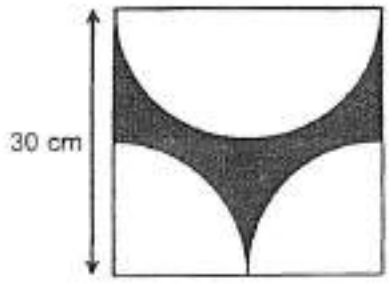
Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 39

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Each question carries 2 marks. Show your working clearly and give your answers in the units stated required for each question. (10 marks)

The figure shows a semicircle and 2 quarter circles inside a square of side 30 cm. Find the area of the shaded part. (Take $\pi = 3.14$)



Ans: _____ cm^2

Accepted answers:

- ✔ 193.5 cm square
- ✔ 193.5cm square
- ✔ 193. 5 cm Square
- ✔ 193. 5
- ✔ 193.5
- ✔ 193 .5
- ✔ 193 . 5

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,730*

Correctly answered feedback

Area of square = 30 x 30
= 900 cm^2
Area of circle = π x 15 x 15
= 706.6 cm^2
Area of shaded part = 900 – 706.5
= **193.5 cm^2**

Incorrectly answered feedback

Area of square = 30 x 30
= 900 cm²
Area of circle = π x 15 x 15
= 706.6 cm²
Area of shaded part = 900 – 706.5
= **193.5 cm²**

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 40

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

Gabriel had a rectangular piece of paper as shown in Figure 1. The ratio of the length to the breadth of the paper was 3 : 2.
He cut out 6 semicircles each of diameter 14 cm as shown in Figure 2.
The breadth was now three times as long as the length of AB.
Find the perimeter of the rectangular piece of paper in Figure 1.
(Take $\pi = \frac{22}{7}$)

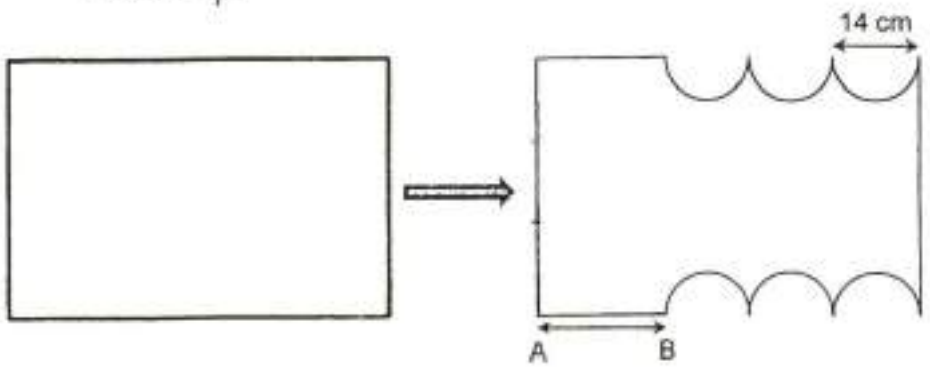


Figure 1 Figure 2

Accepted answers:

✔ 180 cm

✔ 180CM

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,731*

Correctly answered feedback

Let AB be x
42 + x = 3 units
3x = 2 units

126 + 3x = 9 units
126 + 2 units = 9 units
7 units = 126
1 unit = 18

10 units = 180 cm (perimeter of rectangle)

Incorrectly answered feedback

Let AB be x
42 + x = 3 units
3x = 2 units

126 + 3x = 9 units
126 + 2 units = 9 units
7 units = 126
1 unit = 18

10 units = 180 cm (perimeter of rectangle)

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 41

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

Julia played a total of four games in a competition. The scores are shown below.

Game	Score
1st	33
2nd	23
3rd	?
4th	28

Her average score for the first three games was 24.

What was her score for the 3rd game?

Accepted answers:

✔ 16

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,732*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 42

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

Julia played a total of four games in a competition. The scores are shown below.

Game	Score
1st	33
2nd	23
3rd	?
4th	28

Her average score for the first three games was 24.

What was the percentage increase in her score from the 3rd to the 4th game?

Accepted answers:

✔ 75%

✔ 75

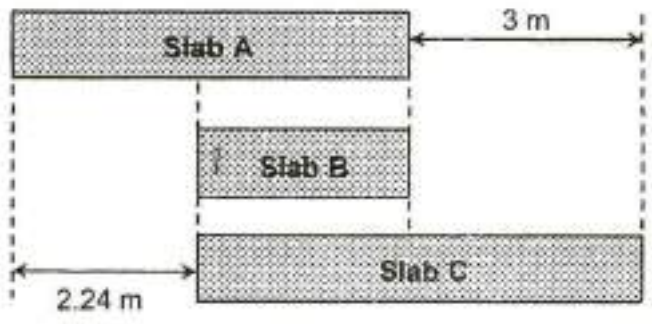
Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,733*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 43

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The figures below show 3 concrete slabs. The total length of the 3 concrete slabs is 9.98 m. Find the length of concrete slab B.



Ans: _____ m

Accepted answers:

✔ 1.58 m

1.58m

- ✔
- ✔ 1 . 58 m
- ✔ 1. 58
- ✔ 1 .58 m
- ✔ 1 . 58m
- ✔ 1 .58m
- ✔ 1. 58m
- ✔ 1. 58 m

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,734*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 44

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The table below shows the number of 4 different coloured T-shirts sold by a shop in the month of March.

Colour of T-shirt	Number of T-shirts sold
Red	82
Yellow	117
Green	65
Blue	?

30% of all the T-shirts sold were yellow. How many blue T-shirts were sold?

Accepted answers:

- ✔ 126
- ✔ 126 Blue T-shirts

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,735*

Correctly answered feedback

30% of T-shirt = 117
100% of T-shirt = 390
390 - 82 - 117 - 65 = 126

Incorrectly answered feedback

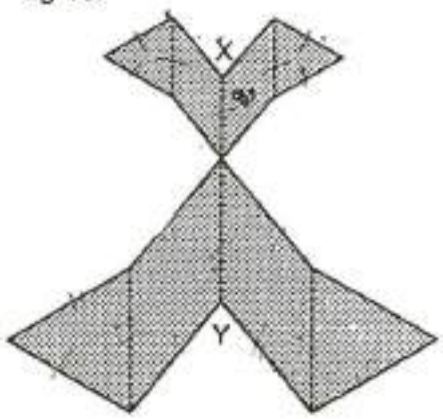
30% of T-shirt = 117
100% of T-shirt = 390
390 - 82 - 117 - 65 = 126

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 45

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The figure below is formed using 4 rhombuses and 4 equilateral triangles. XY is a straight line measuring 9 cm. Find the perimeter of the figure.



Ans: _____ cm

Accepted answers:

- ✔ 72 cm
- ✔ 72cm
- ✔ 72

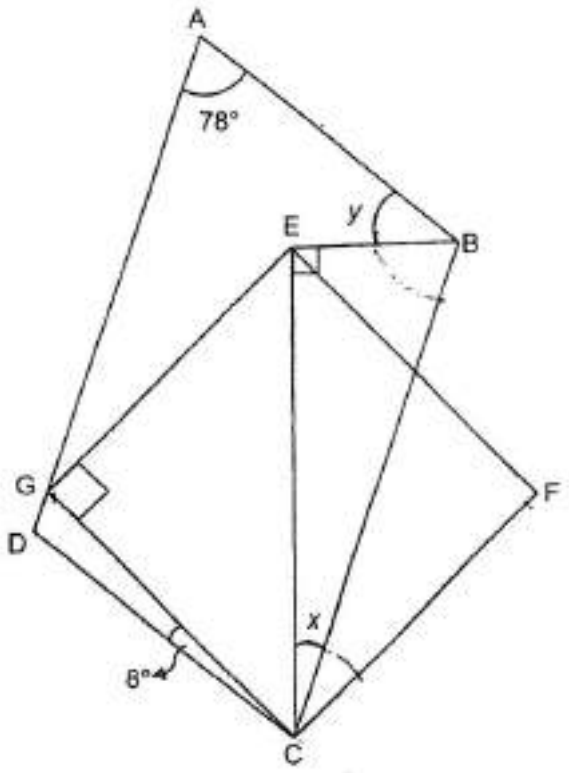
Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,736*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 46

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

In the figure below, ABCD is a parallelogram, EFCG is a square and CEB is a right-angled triangle. ∠GCD = 8° and ∠GAB = 78°.



Find Angle x.

Accepted answers:

- ✔ 25 degree
- ✔ 25 degrees
- ✔ 25

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,737*

Correctly answered feedback

Angle GCE = 45^o
Angle DCE = $45^o + 8^o = 53^o$
Angle x = $78^o - 53^o = 25^o$

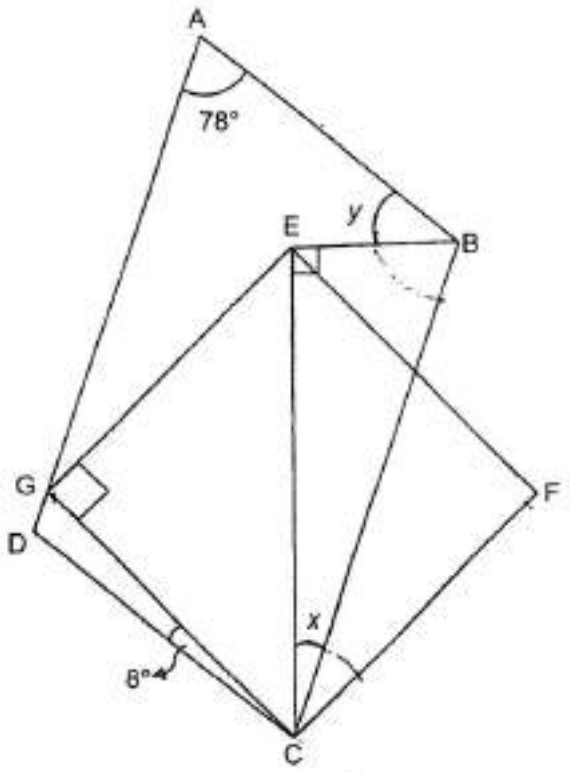
Incorrectly answered feedback

Angle GCE = 45^o
Angle DCE = $45^o + 8^o = 53^o$
Angle x = $78^o - 53^o = 25^o$

Question 47

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

In the figure below, ABCD is a parallelogram, EFCG is a square and CEB is a right-angled triangle. ∠GCD = 8° and ∠GAB = 78°.



Find Angle y.

Accepted answers:

- ✓ 37 degree
- ✓ 37 degrees
- ✓ 37

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,740*

Correctly answered feedback

$\measuredangle EBC = 180^o - 90^o - 25^o$
$= 65^o$
$180^o - 78^o = 102^o$
$\measuredangle y = 102^o - 65^o$
$= 37^o$

Incorrectly answered feedback

$\measuredangle EBC = 180^o - 90^o - 25^o$
$= 65^o$
$180^o - 78^o = 102^o$
$\measuredangle y = 102^o - 65^o$
$= 37^o$

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 48

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The ratio of the number of girls to the number of boys in a camp is 2 : 3. 65 girls left the camp and the ratio of the number of girls to the number of boys became 1 : 4. Find the total number of children at the camp at first.

Accepted answers:

✓ 260

✓ 260 children

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,738*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 49

Primary 6 Math » Primary 6 Math (Term 2) 3 pts

A school hall was decorated with 60 yellow and 60 blue balloons for a graduation ceremony. Mrs Lee bought more balloons to decorate the hall. 35% of the balloons she bought were yellow and the rest were blue balloons. After all the balloons were put up, the number of yellow and blue balloons was in the ratio 5 : 8.

How many yellow and blue balloons were there in the hall now?

Accepted answers:

✔ 520

✔ 520 balloons

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,739*

Correctly answered feedback

65% - 35% = 30%
30% - 3 units
35% - 3.5 units
5 units - 3.5 = 1.5 units
1.5 units = 60
1 unit = 40

5 x 40 = 200 (yellow)
8 x 40 = 320 (blue)
200 + 320 = 520 (total)

Incorrectly answered feedback

65% - 35% = 30%
30% - 3 units
35% - 3.5 units
5 units - 3.5 = 1.5 units
1.5 units = 60
1 unit = 40

5 x 40 = 200 (yellow)
8 x 40 = 320 (blue)
200 + 320 = 520 (total)

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 50

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

A school hall was decorated with 60 yellow and 60 blue balloons for a graduation ceremony. Mrs Lee bought more balloons to decorate the hall. 35% of the balloons she bought were yellow and the rest were blue balloons. After all the balloons were put up, the number of yellow and blue balloons was in the ratio 5 : 8.

Mrs Lee then bought some pink balloons and put them up in the hall. 20% of the balloons in the hall were pink. How many pink balloons did she buy?

Accepted answers:

✔ 130 pink balloons

✔ 130

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,743*

Correctly answered feedback

80% - 520 balloons
20% - 139 pink balloons

Incorrectly answered feedback

80% - 520 balloons
20% - 139 pink balloons

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 51

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Charlie used $\frac{2}{7}$ of his money to buy 4 packets of flour and 7 packets of sugar. The cost of 2 packets of flour was the same as that of 3 packets of sugar. What was the most number of packets of sugar that Charlie could buy with the money he had left?

Accepted answers:

✔ 32

✔ 32 packets

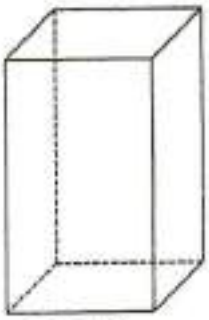
Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,741*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 52

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Tank P measures 20 cm by 10 cm by 60 cm.



Tank P

Joe poured 4 pails of water into tank P. Each pail contained 1.2 litres of water. How much more water would Joe need to fill tank P to the brim? Express your answer in litres.

Ans:

_____ litres

Accepted answers:

- ✔ 7.2 litres
- ✔ 7.2
- ✔ 7 . 2 litres
- ✔ 7 .2 litres
- ✔ 7 . 2
- ✔ 7. 2
- ✔ 7. 2 litres

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,742*

Correctly answered feedback

Volume of tank = 20 x 10 x 60 = 12 000 cm^3
12 000 cm^3 = 12 000 *ml* = 12 *l*
1.2 *l* x 4 = 4.8 *l*
12 *l* - 4.8 *l* = 7.2 *l*

Incorrectly answered feedback

Volume of tank = 20 x 10 x 60 = 12 000 cm^3
12 000 cm^3 = 12 000 *ml* = 12 *l*
1.2 *l* x 4 = 4.8 *l*
12 *l* - 4.8 *l* = 7.2 *l*

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 53

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

Mrs Sim baked three kinds of buns: red bean, mushroom and cheese buns. After selling $\frac{2}{3}$ of the red bean buns, $\frac{1}{5}$ of the mushroom buns and $\frac{5}{7}$ of the cheese buns, there was an equal number of buns of each kind left. What was the ratio of the number of red bean buns to mushroom buns to cheese buns Mrs Sim baked?

Accepted answers:

✔ 12:05:14

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,744*

Correctly answered feedback

Red Bean	Mushroom	Cheese
1/3	4/5	2/7
4/12	4/5	4/14

Ratio = 12 : 5 :14

Incorrectly answered feedback

Red Bean	Mushroom	Cheese
1/3	4/5	2/7
4/12	4/5	4/14

Ratio = 12 : 5 :14

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 54

Primary 6 Math » Primary 6 Math (Term 2) 1 pt

The table below shows the number of tickets sold for a performance last week.

Day	Number of tickets sold
Monday to Friday	$3m$ per day
Saturday	$6m + 25$
Sunday	$4m - 7$

Express the total number of tickets sold last week in terms of *m*.
Give your answer in the simplest form.

Accepted answers:

✔ 25m + 18

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,745*

Correctly answered feedback

5 x 3m = 15m
15m + 6m + 25 + 4m - 7 = 25m +18

Incorrectly answered feedback

5 x 3m = 15m
15m + 6m + 25 + 4m - 7 = 25m +18

Answers | Edit | Duplicate | Used In | Reorder Remove From Test

Question 55

Primary 6 Math » Primary 6 Math (Term 2) 2 pts

The table below shows the number of tickets sold for a performance last week.

Day	Number of tickets sold
Monday to Friday	$3m$ per day
Saturday	$6m + 25$
Sunday	$4m - 7$

The average number of tickets sold each day last week was 174.
Find the value of *m*.

Accepted answers:

✔ m = 48

✔ 48

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,708*

Correctly answered feedback

$$\frac{25m+88}{7} = 174$$
$$25m + 88 = 1218$$
$$25m = 1200$$
$$\mathbf{m = 48}$$

Incorrectly answered feedback

$$\frac{25m+88}{7} = 174$$
$$25m + 88 = 1218$$
$$25m = 1200$$
$$\mathbf{m = 48}$$

Answers | Edit | Duplicate | Used In | Reorder Remove From Test