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(2020) Primary 6 Math (Term 2) - Nan Hua

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Test Introduction

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54 Questions (50 Points)

Question Bank: 12,655 Questions

Test Questions

0 Test Assignments

Question 1

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Round 372 851 to the nearest hundred.

- A. 372 800
- B. 372 850
- ✓ C. 372 900
- D. 373 000

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,353

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Question 2

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

What is the value of $24 + 16 \div (5 - 1) \times 2$?

- A. 5

- B. 20
- C. 26
- ✓ D. 32

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,359

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Question 3

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which of the following are common factors of 24 and 30?

- ✓ A. 2 and 3
- B. 3 and 5
- C. 4 and 5
- D. 4 and 6

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,363

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Question 4

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the value of $\frac{5}{6} \times 20$.

- A. $\frac{1}{24}$
- B. $\frac{3}{50}$

✓ C.

$$16\frac{2}{3}$$

D. 24

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,368

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Question 5

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which of the following is common multiple of 4 and 9?

A. 16

B. 18

C. 32

✓ D. 36

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,373

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Question 6

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Simplify the following algebraic expression

$$12p + 7 - 5p - 3$$

A. $17p+10$ B. $17p+4$ C. $7p+10$ ✓ D. $7p+4$

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,380

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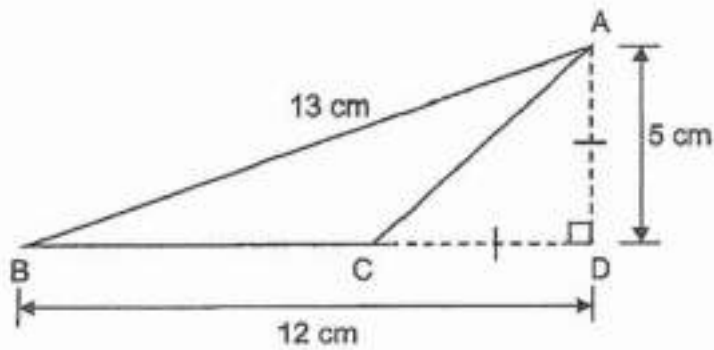
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Question 7

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the figure below, not drawn to scale, BCD is a straight line and $AD = CD$. What is the area of triangle ABC?



- A. 17.5cm²
- B. 30cm²
- C. 32.5cm²
- D. 78cm²

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,387

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Question 8

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Betty had some fruits. $\frac{5}{9}$ of the fruits were apples and the rest were oranges. $\frac{3}{10}$ of the apples were green apples and the rest were red apples. What fraction of the fruits were red apples?

A.

$$\frac{2}{15}$$

B.

$$\frac{3}{18}$$

C.

$$\frac{14}{45}$$

✓ D.

$$\frac{7}{18}$$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,399

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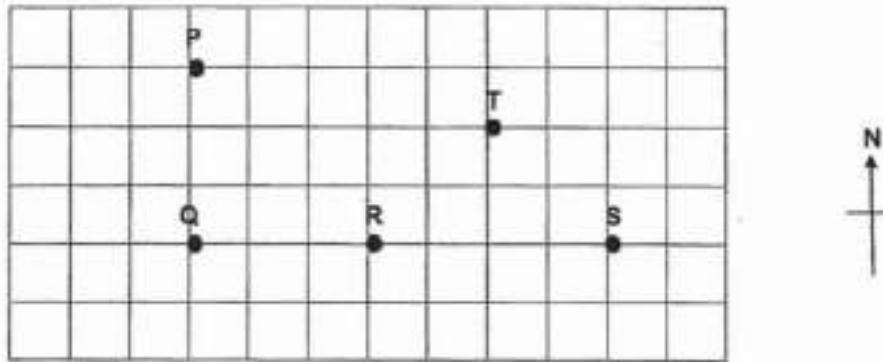
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Question 9

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the square grid below, a school is located at south-west of point T.
At which point is the school located?



- A. P
- B. Q
- ✓ C. R
- D. S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,450

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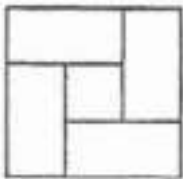
Question 10

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which one of the following is not a symmetric figure?

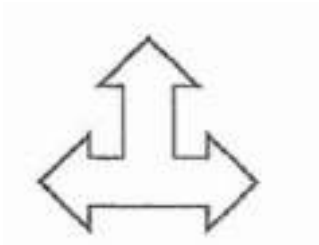
✓ A.



B.



C.



D.



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,470

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Question 11

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A class of students was asked to sell concert tickets.
The table below shows the number of tickets sold by the students in the class.

Number of students	Number of tickets sold by each student
9	0
11	2
?	3
2	5

The students sold a total of 56 tickets. How many students sold only 3 tickets each?

- A. 32
- B. 24
- ✓ C. 8
- D. 5

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,482

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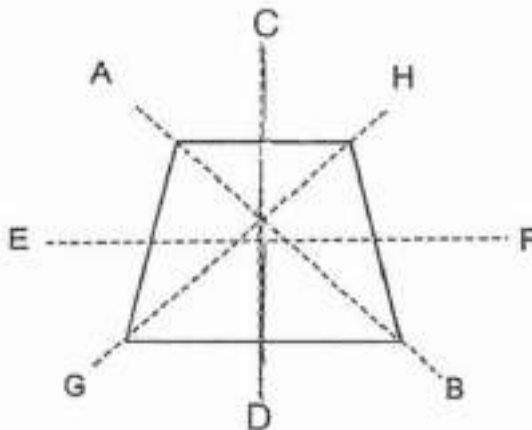
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Question 12

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which of the following lines is the line of symmetry of the trapezium?



- A. AB
- ✓ B. CD
- C. EF
- D. GH

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,493

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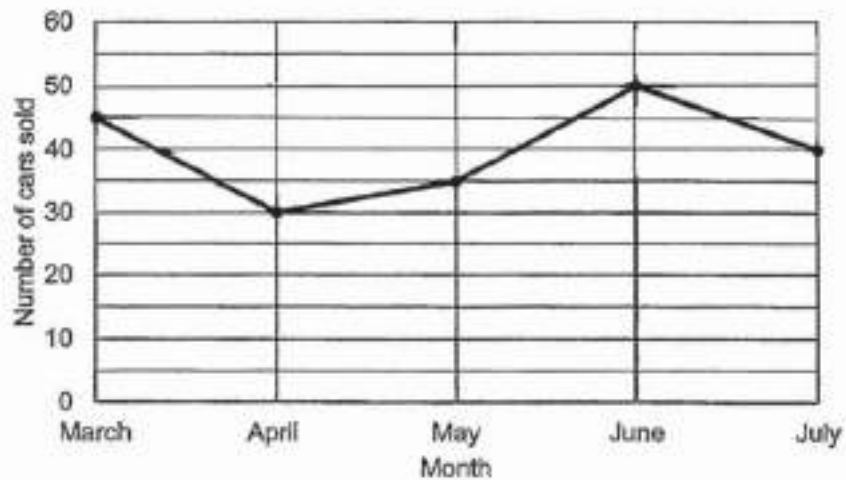
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Question 13

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The line graph below shows the number of cars sold from March to July.



What percentage of the total number of cars sold from March to July was sold in the month of April?

- ✓ A. 15%
- B. 30%
- C. 85%
- D. 200%

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A

QID#: 29,305,505

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Question 14

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

120kg of chicken wings were packed into 40 packets equally. What was the mass of each packet of chicken wings?

- A. 30 g
- B. 300 g
- C. 3 g
- ✓ D. 3000 g

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,520

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Question 15

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Box A contains only 20 cent coins and Box B contains only 50 cent coins. The number of coins in Box A is twice the number of coins in Box B. The amount of money in Box B is \$1.60 more than the amount of money in Box A. How many 20 cent coins are there in Box A?

- A. 8
- B. 16
- ✓ C. 32
- D. 48

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,539

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Question 16

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the value of $12 + \frac{8}{9}$. Leave your answer as a mixed number in its simplest form.

Accepted answers:

✓ 13 1/2

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,545

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Question 17

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The table below shows the number of laptops owned by per household in a housing estate.

Number of laptops owned by per household	0	1	2	3 and more
Number of households	9	53	62	16

How many households owned at least 2 laptops?

Accepted answers:

✓ 78

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,547

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Question 18

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Anita started her jog at 17 37. She finished jogging at 18 26. How long did Anita jog?

Accepted answers:

✓ 49

49min



49 min

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,552

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

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Question 19

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

5 children shared $\frac{4}{5}$ of lemonade equally. How much lemonade did each child get?

Accepted answers:

✓ 1/5

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,555

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Question 20

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Match the options below in ascending order :

Clue

Match

$\frac{3}{7}$

smallest

$\frac{1}{2}$

small

great

5
8

greatest

2
3

Question Type: Matching
Grade style: Full points if all answers are correct
Shuffle Mode: Shuffle Matches Only
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,567

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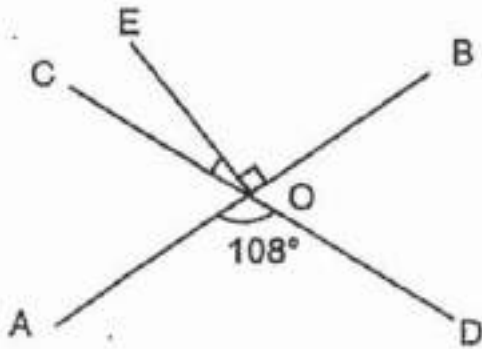
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Question 21

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

AB and CD are straight lines. Find $\angle COE$.



Accepted answers:

✓ 18

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,573

Correctly answered feedback

108-90=18

Incorrectly answered feedback

108-90=18

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 22**

Primary 6 Math » Primary 6 Math (Term 2)

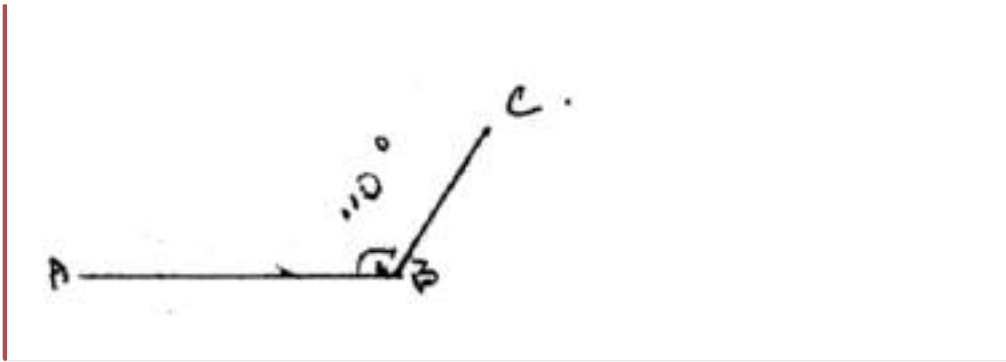
0 pts

Using the line AB provided below, construct $\angle ABC = 110^\circ$.



Question Type: Essay
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,579

Correctly answered feedback**Incorrectly answered feedback**



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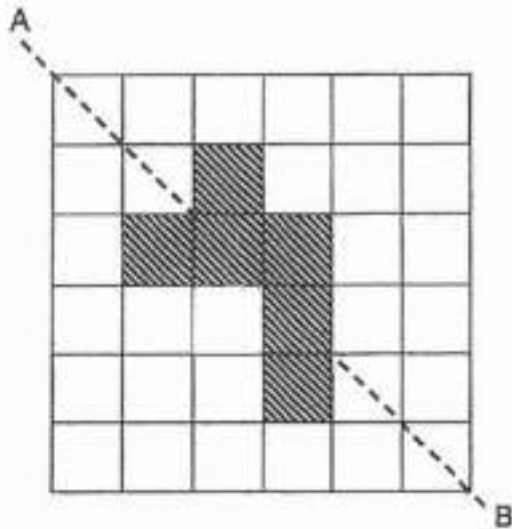
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Question 23

Primary 6 Math » Primary 6 Math (Term 2)

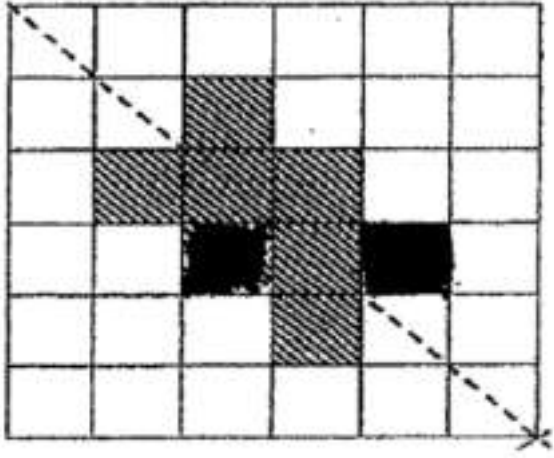
0 pts

There are 6 shaded squares in the figure. Shade 2 more squares to form a symmetric figure with AB as the line of symmetry.

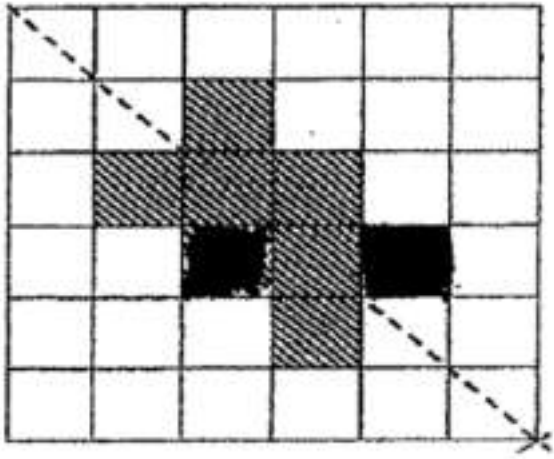


Question Type: Essay
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,583

Correctly answered feedback



Incorrectly answered feedback



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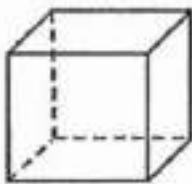
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Question 24

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The edge of a cube is 6 cm. What is the volume of the cube?



Accepted answers:

- ✓ 216cm3
- ✓ 216 cm3
- ✓ 216

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: Tue 12th Oct 2021
QID#: 29,305,589

Correctly answered feedback

6x6x6=216

Incorrectly answered feedback

6x6x6=216

[↗ Answers](#) |
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Question 25

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

What is the value of $\frac{14a + 11}{3}$ when $a = 8$?

Accepted answers:

- ✓ 41

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,594

Correctly answered feedback

$$\frac{14a+11}{3} = \frac{112+11}{3} = 41$$

Incorrectly answered feedback

$$\frac{14a+11}{3} = \frac{112+11}{3} = 41$$

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

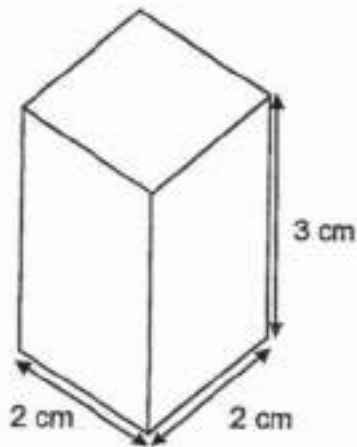
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Question 26

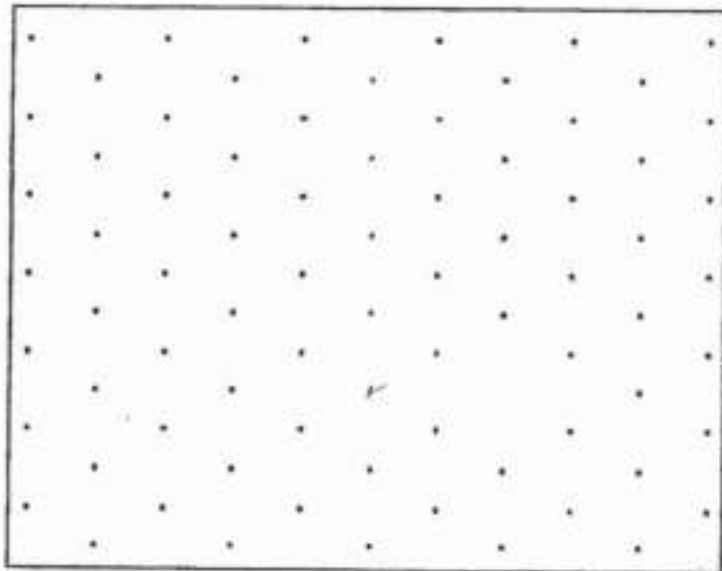
Primary 6 Math » Primary 6 Math (Term 2)

0 pts

The figure below shows Cuboid A. Draw a cuboid with a volume half that of Cuboid A on the isometric grids provided.



Cuboid A



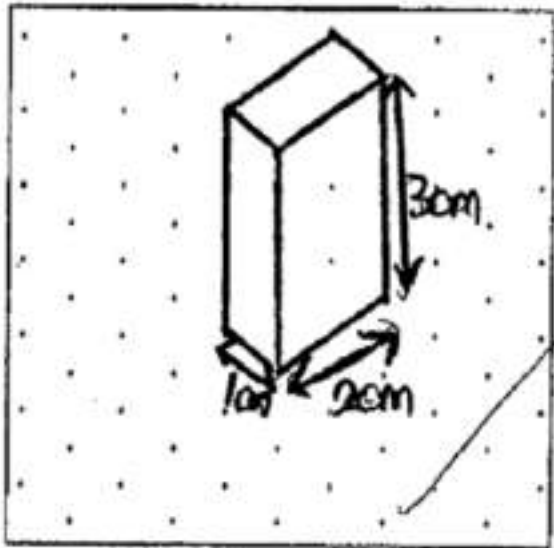
Question Type: Essay

Date Added: Tue 12th Oct 2021

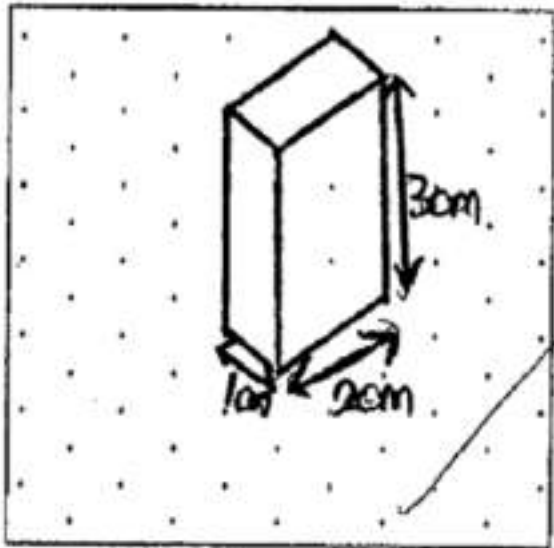
Last Modified: N/A

QID#: 29,305,599

Correctly answered feedback



Incorrectly answered feedback



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Question 27

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

There were 120 red, blue and yellow beads in a box. The number of red beads is $\frac{1}{4}$ the number of blue beads. There were 30 more yellow beads than red beads. What is the ratio of the number of red beads to the number of blue beads to the number of yellow beads in the box?

Accepted answers:

✓ 1:4:3

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,601

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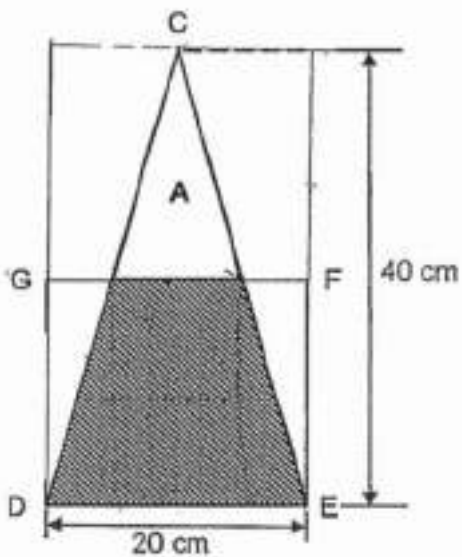
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Question 28

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the figure below, not drawn to scale, consists of a triangle CDE and a square DEFG. Find the area of unshaded triangle A.



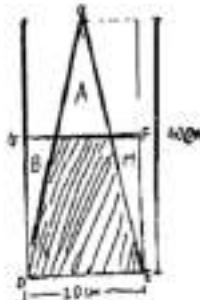
Accepted answers:

✓ 100cm²

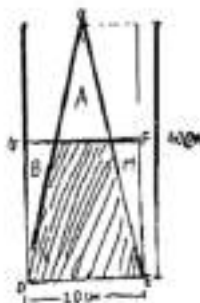
✓ 100 cm²

✓ 100

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,611

Correctly answered feedback

DEFG is a square Label triangles B and H
 Area of triangle A= Total Area of B+H
 Total base of triangle A+B+H=20cm
 Base of triangle A = $20\text{cm} \div 2 = 10\text{cm}$
 Height of triangle A = $40\text{cm} - 20\text{cm} = 20\text{cm}$
 Total area of triangle = $2 \times \left(\frac{1}{2} \times 20\text{cm} \times 10\text{cm}\right)$
 $= 2 \times 100 = 200\text{ cm}^2$
 Area of triangle A = $200\text{ cm}^2 \div 2 = 100\text{ cm}^2$

Incorrectly answered feedback

DEFG is a square Label triangles B and H
 Area of triangle A= Total Area of B+H
 Total base of triangle A+B+H=20cm
 Base of triangle A = $20\text{cm} \div 2 = 10\text{cm}$
 Height of triangle A = $40\text{cm} - 20\text{cm} = 20\text{cm}$
 Total area of triangle = $2 \times \left(\frac{1}{2} \times 20\text{cm} \times 10\text{cm}\right)$
 $= 2 \times 100 = 200\text{ cm}^2$
 Area of triangle A = $200\text{ cm}^2 \div 2 = 100\text{ cm}^2$

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

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Question 29

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Fatimah, Gretel and Helen shared \$n. Fatimah received thrice as much money as Helen. Gretel received \$15 less than Fatimah.

Statement: Gretel received more money than Helen

- A. True
 B. False

- ✓ C. Not possible to tell

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,619

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Question 30

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Helen received $\$(\frac{n+15}{7})$.

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,622

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Question 31

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The list below shows the items Mrs Lim bought. The average cost of the items was \$25. What was the cost for Item A?

Item	Cost
A	\$1 <input type="text"/>
B	\$ 34
C	\$ <input type="text"/> 8
D	\$ 22

Accepted answers:

- ✓ \$16
- ✓ \$ 16
- ✓ 16

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,625

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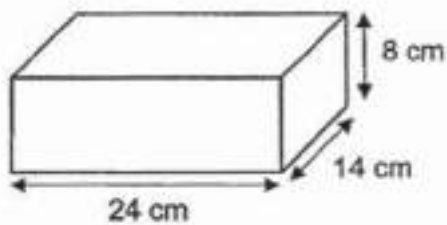
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Question 32

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The figure below shows a 24 cm by 14 cm by 8 cm cuboid. Find the volume of the cuboid.



Accepted answers:

- ✓ 2688cm³
- ✓ 2688 cm³
- ✓ 2688

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,653

Correctly answered feedback

24x14x8=2688

Incorrectly answered feedback

24x14x8=2688

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Question 33

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Gabby and Helens shared a sum of money in the ratio of 3:2. When Gabby gave \$20 to Helen, the ratio of Gabby's amount of money to Helen's amount of money became 4:11. How much money did Gabby have at first?

Accepted answers:

- ✓ \$36
- ✓ \$ 36
- ✓ 36

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,656

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Question 34

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mr Lai and his 3 children went to a Maze Park. They stayed there from 15 00 to 17 10. The table below shows the charges. How much did Mr Lai pay for the children?

	1 st hour	Every additional $\frac{1}{2}$ hour
Adult	\$12.50 per hour	\$7
Child	\$7.50 per hour	\$4

Accepted answers:

- ✓ \$58.50
- ✓ \$ 58.50
- ✓ 58.50

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,658

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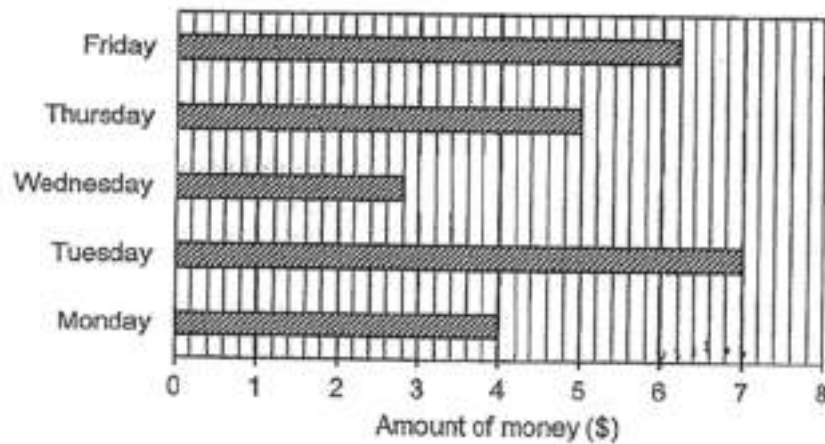
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Question 35

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Jennis received \$8 for her pocket money from her parents daily. The following bar graph shows her spending on a certain week.



What was Jennis' average savings over the 5 days? .

Accepted answers:

- ✓ \$3
- ✓ \$ 3
- ✓ 3

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,663

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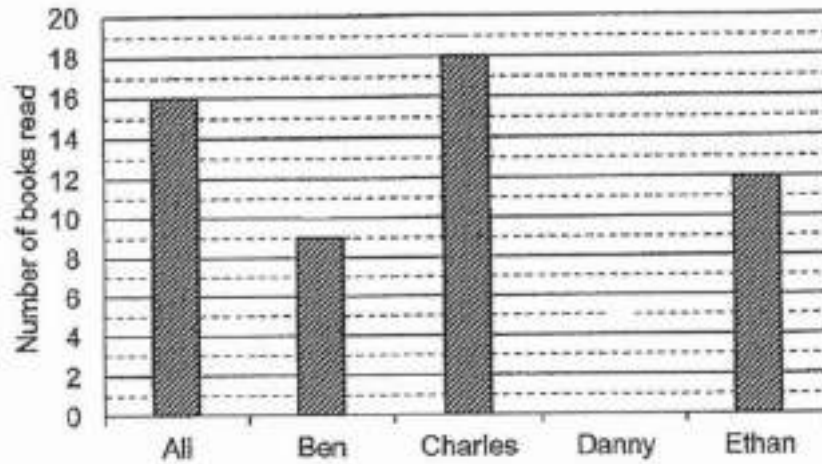
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Question 36

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The following bar graph shows the number of books read by 5 boys over a week.



What is the average number of books read by the boys?

Accepted answers:

✓ 11

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,669

Correctly answered feedback

$$16+9+18+0+12=55$$

$$55\div 5=11$$

Incorrectly answered feedback

$$16+9+18+0+12=55$$

$$55\div 5=11$$

[Answers](#) |
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Question 37

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Katinah paid \$36 for 30 cupcakes after a 20% discount. How many cupcakes could she have bought with the same amount of money without the discount?

Accepted answers:

- ✓ 24
- ✓ 24 cupcakes
- ✓ 24Cupcakes

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,674

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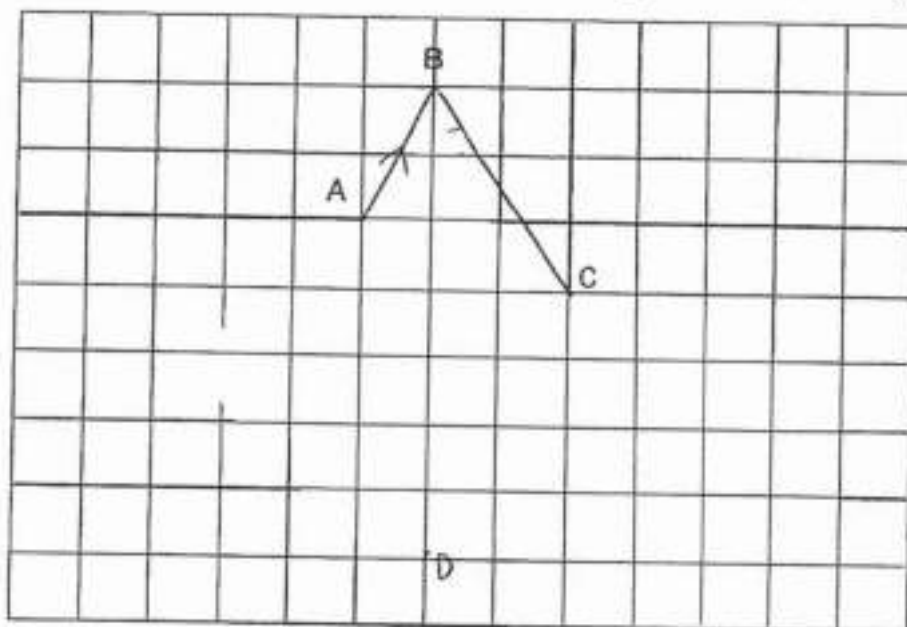
Question 38

Primary 6 Math » Primary 6 Math (Term 2)

0 pts

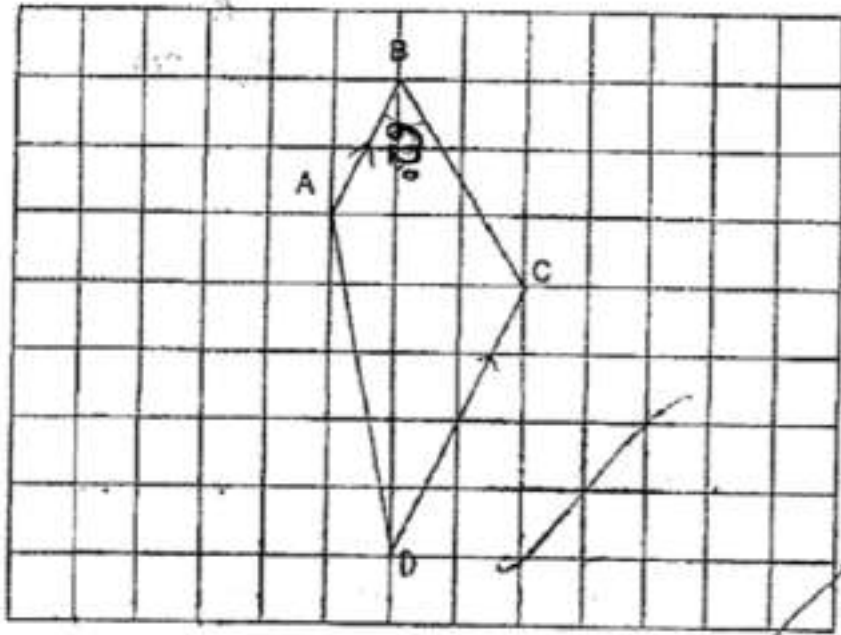
In the square grid, AB and BC are drawn. They form 2 sides of a trapezium ABCD.

- (a) Measure and write down the size of $\angle ABC$.
- (b) Complete the drawing of the trapezium ABCD such that AB is parallel to CD and line CD is twice as long as line AB. [2]



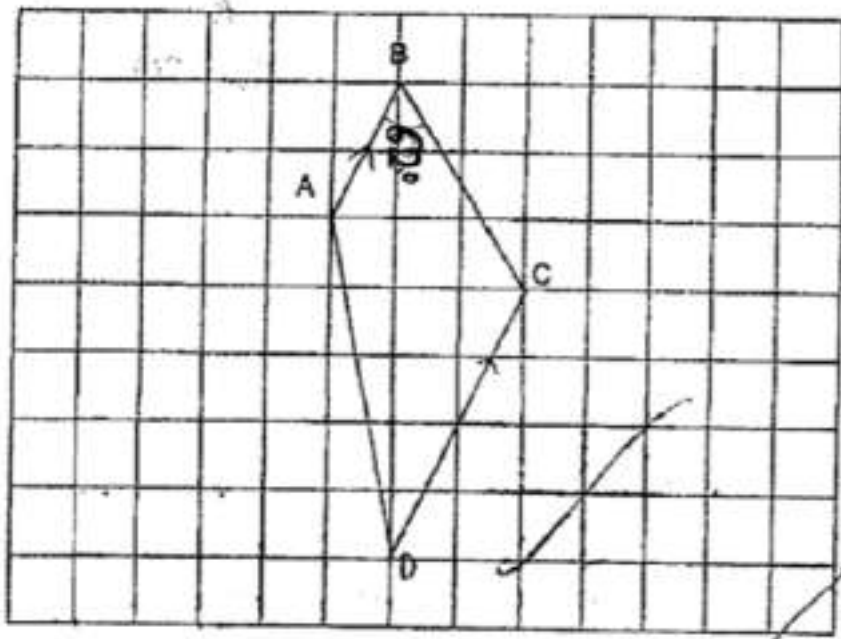
Question Type: Essay
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,678

Correctly answered feedback



a) 62°

Incorrectly answered feedback



a) 62°

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

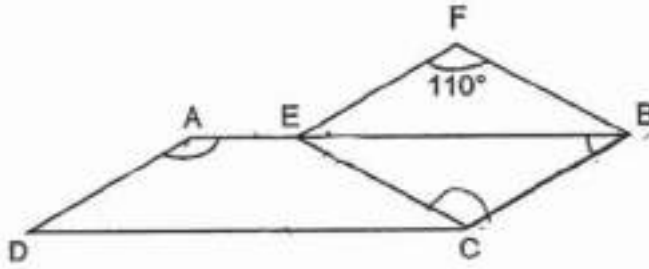
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Question 39

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The figure below, not drawn to scale, is made up of a parallelogram ABCD and a rhombus BCEF. Given that $\angle BFE = 110^\circ$, find $\angle BAD$.



Accepted answers:

✓ 145

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,682

Correctly answered feedback

$180 - 110 = 70$
 $70 \div 2 = 35$
 $180 - 35 = 145$

Incorrectly answered feedback

$180 - 110 = 70$
 $70 \div 2 = 35$
 $180 - 35 = 145$

[Answers](#) |
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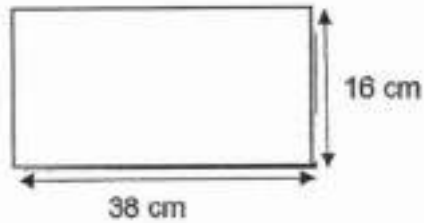
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Question 40

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The diagram below, not drawn to scale, shows a rectangle. When its length is increased by 50% and its breadth is increased by 20%, what is the percentage increase in its area?



Accepted answers:

- ✓ 80%
- ✓ 80 %
- ✓ 80

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,695

Correctly answered feedback

$38 \times 150\% = 57$
 $16 \times 120\% = 19.2$
 original area - $38 \times 16 = 608$
 new area - $57 \times 19.2 = 1094.4$
 $1094.4 / 608 \times 100 = 180\%$
 percentage increase in area = $180\% - 100\% = 80\%$

Incorrectly answered feedback

$38 \times 150\% = 57$
 $16 \times 120\% = 19.2$
 original area - $38 \times 16 = 608$
 new area - $57 \times 19.2 = 1094.4$
 $1094.4 / 608 \times 100 = 180\%$
 percentage increase in area = $180\% - 100\% = 80\%$

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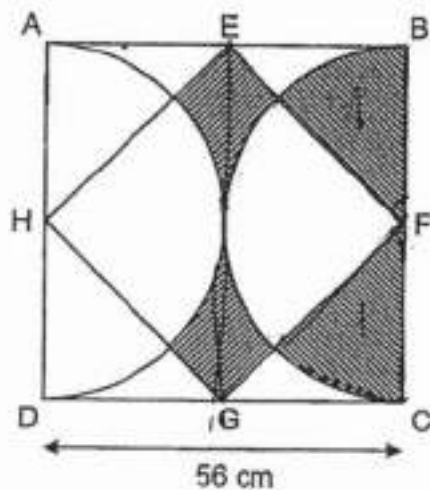
Question 41

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The figure below is made up of 2 square, ABCD and EFGH, and 2 identical semicircles. E, F, G and H are the mid-points of AB, BC, CD and AD respectively. Find the total area of the shaded parts.

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



Accepted answers:

- ✓ 952cm²
- ✓ 952 cm²
- ✓ 952

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,699

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Question 42

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In a box, the ratio of the number of blue beads to the number of red beads was 5:14. The ratio of the number of yellow beads to the number of red beads 2:7.

a) Find the ratio of the number of blue beads to the number of yellow beads to the number of red beads

Accepted answers:

- ✓ 5:4:14

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A

QID#: 29,305,718

Correctly answered feedback

B:R = 5:14
 Y:R = 2:7
 B:Y:R = 5:4:14

Incorrectly answered feedback

B:R = 5:14
 Y:R = 2:7
 B:Y:R = 5:4:14

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

[Remove From Test](#)**Question 43**

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) After 360 blue beads were removed from the box, $\frac{1}{10}$ of the remaining beads were blue beads.
 How many more red beads than blue beads were there in the box in the end?

Accepted answers:

- ✓ 1440beads
- ✓ 1440 beads
- ✓ 1440

Question Type: Free Text**Date Added:** Tue 12th Oct 2021**Last Modified:** N/A**QID#:** 29,305,767**Correctly answered feedback**

$5u+4u+14u=23u$
 $4u+14u=18u$
 1/10 of the remaining beads
 $5u-2u=3u$
 $3u=360$
 $1u= 360\div 3=120$
 $2u= 120\times 2=240$
 $14u=120\times 14=1680$
 $1680-240=1440$

Incorrectly answered feedback

$5u+4u+14u=23u$
 $4u+14u=18u$
 1/10 of the remaining beads
 $5u-2u=3u$
 $3u=360$
 $1u= 360\div 3=120$
 $2u= 120\times 2=240$
 $14u=120\times 14=1680$
 $1680-240=1440$

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Question 44

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mrs Ang gave a bag of marbles to her children, if she gave them 9 more marbles to share among themselves, they would have an average number of 18 marbles. If she gave them 25 more marbles to share among themselves, they would have an average number of 22 marbles. How many children did Mrs Ang have?

Accepted answers:

✓ 4

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,305,787

Correctly answered feedback

$$9+y=18x$$

$$18x=y$$

$$25+y=22x$$

$$25+18x-9=22x$$

$$25-9=22x-18x$$

$$16=22x-18x$$

$$16=4x$$

$$x=16\div 4=4$$
Incorrectly answered feedback

$$9+y=18x$$

$$18x=y$$

$$25+y=22x$$

$$25+18x-9=22x$$

$$25-9=22x-18x$$

$$16=22x-18x$$

$$16=4x$$

$$x=16\div 4=4$$

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

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Question 45

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mr Liang paid \$1788.60 for some boxes of face masks and boxes of alcohol swab. He paid \$1603.80 more for the face masks than the alcohol swab. The number of boxes of face masks he bought was three times as many as the number of boxes of alcohol swab. A box of alcohol swab cost \$21.50 less than a box of face masks. Find the cost of a box of face masks.

Accepted answers:

- ✓ \$25.70
- ✓ \$ 25.70
- ✓ 25.70

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,136

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Question 46

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Yasmin had 210 kg of grapes. She sold $\frac{3}{7}$ of the grapes on Monday and $\frac{3}{8}$ of the remainder on Tuesday. She packed the remaining grapes into small bags containing $\frac{3}{4}$ kg of grapes. How many small bags of grapes did Yasmin pack?

Accepted answers:

✓ 100

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: Tue 12th Oct 2021
QID#: 29,306,194

Correctly answered feedback

$$1 - \frac{3}{7} = \frac{4}{7}$$

$$\frac{4}{7} \times \frac{3}{8} = \frac{3}{14}$$

$$1 - \frac{3}{14} - \frac{3}{14} = \frac{5}{14}$$

$$210\text{kg} \times \frac{5}{14} = 75\text{kg}$$

$$75\text{kg} \div \frac{3}{4}\text{kg} = 100 \text{ small bags}$$

Incorrectly answered feedback

$$1\frac{3}{7} = \frac{10}{7}$$

$$\frac{4}{7} \times \frac{3}{8} = \frac{3}{14}$$

$$1\frac{3}{7} - \frac{3}{14} = \frac{5}{7}$$

$$210\text{kg} \times \frac{5}{14} = 75\text{kg}$$

$$75\text{kg} \div \frac{3}{4}\text{kg} = 100 \text{ small bags}$$

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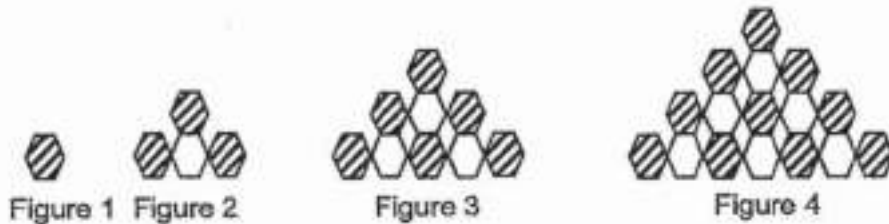
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Question 47

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The diagram below shows 4 figures formed by shaded and unshaded hexagons.



(a) Complete the table below.

Figure Number	Total number of hexagons	Total number of shaded hexagons
1	1	1
2	4	3
3	9	6
4	16	10
7	(i) _____	(ii) _____

ai) _____

Accepted answers:

✓ 49

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,259

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Question 48

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

aii) _____

Accepted answers:

✓ 28

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,263

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 49**

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) Find the number of unshaded hexagons in figure 15

Accepted answers:

✓ 105

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,266

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 50**

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

c) The total number of hexagons of a figure is 529. What is the difference between the number of shaded hexagons and the number of unshaded hexagons of that figure?

Accepted answers:

✓ 25

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,305

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 51**

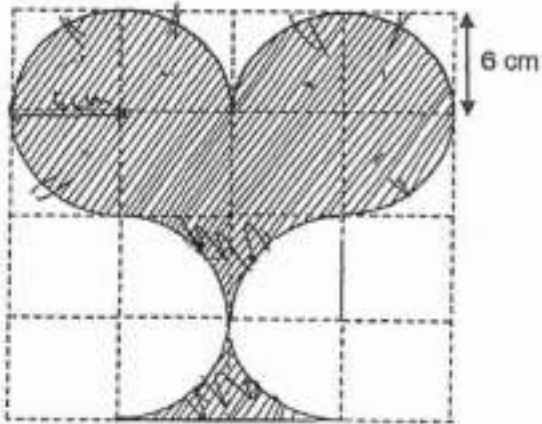
Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The figure below is made up of two identical semicircles, 6 identical quadrants and 16 squares. The side of each square is 6 cm.

(a) Find the perimeter of the shaded figure.

(Take $\pi = 3.14$)



Accepted answers:

- ✓ 106.2cm
- ✓ 106.2 cm
- ✓ 106.2

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,319

Correctly answered feedback

$$6 \times 2 = 12 \text{ cm}$$

$$\frac{1}{4} \times 3.14 \times 12 = 9.42 \text{ cm}$$

$$9.42 \text{ cm} \times 10 = 94.2 \text{ cm}$$

$$94.2 \text{ cm} + 12 \text{ cm} = 106.2 \text{ cm}$$

Incorrectly answered feedback

$$6 \times 2 = 12 \text{ cm}$$

$$\frac{1}{4} \times 3.14 \times 12 = 9.42 \text{ cm}$$

$$9.42 \text{ cm} \times 10 = 94.2 \text{ cm}$$

$$94.2 \text{ cm} + 12 \text{ cm} = 106.2 \text{ cm}$$

[Answers](#) |
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Question 52

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) Find the area of the shaded figure

Accepted answers:

✓ 272.52cm²

✓ 272.52 cm²

✓ 272.52

Question Type: Free Text

Date Added: Tue 12th Oct 2021

Last Modified: N/A

QID#: 29,306,326

Correctly answered feedback

$$\frac{1}{4} \times 3.14 \times 6 \times 6 = 28.26$$

$$6 \times 6 = 36$$

$$36 - 28.26 = 7.74$$

$$7.74 \times 4 = 30.96$$

$$28.26 \times 6 = 169.56$$

$$36 \times 2 = 72$$

$$30.96 + 169.56 + 72$$

$$= 272.52 \text{ cm}^2$$

Incorrectly answered feedback

$$\frac{1}{4} \times 3.14 \times 6 \times 6 = 28.26$$

$$6 \times 6 = 36$$

$$36 - 28.26 = 7.74$$

$$7.74 \times 4 = 30.96$$

$$28.26 \times 6 = 169.56$$

$$36 \times 2 = 72$$

$$30.96 + 169.56 + 72$$

$$= 272.52 \text{ cm}^2$$

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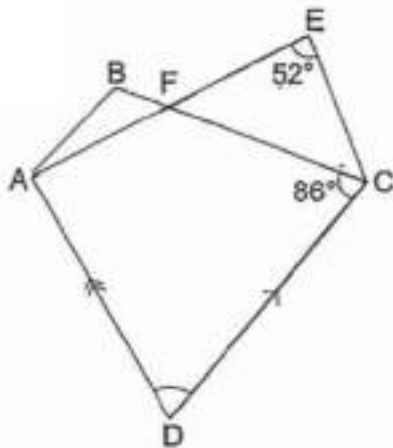
Question 53

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The figure below, not drawn to scale, is made up of 2 trapeziums ABCD and ADCE. AB is parallel to DC and AD is parallel to EC. $\angle BCD = 86^\circ$, $\angle CEF = 52^\circ$ and $EF = CE$.

(a) Find $\angle BAF$.



Accepted answers:

✓ 22

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,430

Correctly answered feedback

180-86=94
180-52=138
128÷2=64
180-94-64=22

Incorrectly answered feedback

180-86=94
180-52=138
128÷2=64
180-94-64=22

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Question 54

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) Find ADC

Accepted answers:

✓ 30

Question Type: Free Text
Date Added: Tue 12th Oct 2021
Last Modified: N/A
QID#: 29,306,433

Correctly answered feedback

86+64=150
180-150=30

Incorrectly answered feedback

86+64=150
180-150=30

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

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