

**Tests** [Edit Test](#)[Tests](#) [Groups](#) [Links](#)

Primary 6 Math (Term 2) - Catholic High

[Add Questions](#)[Assign](#)[Settings](#)[Review](#)[Duplicate](#)[Print](#)[Delete](#)[▶ Preview Test](#)[↶ Assign Test](#)

Test Introduction

[+ Add Introduction](#)**54 Questions** (96 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. For each question, four options are given. Make your choice and choose the correct answer. (20 marks)

Which digit in 9.876 is in the hundredths place?

- A. 6
- ✓ B. 7
- C. 8
- D. 9

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,550

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

Question 2

[Primary 6 Math](#) » Primary 6 Math (Term 2)

2 pts

A bowl contains red, green and black beans. $\frac{1}{9}$ of the beans are red. $\frac{1}{4}$ of the remaining beans are green and the rest are black beans. What fraction of the beans in the bowl are black?

A. $\frac{5}{36}$

B. $\frac{23}{36}$

C. $\frac{2}{9}$

✓ D. $\frac{2}{3}$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,548

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

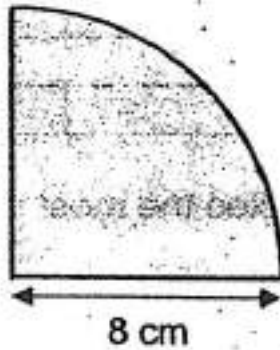
[Remove From Test](#)

Question 3

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The shaded figure is a quarter circle of radius 8 cm.
 What is the perimeter of the shaded figure?
 Leave the answer in terms of π .



- A. $(2\pi + 16)$ cm
- ✓ B. $(4\pi + 16)$ cm
- C. $(8\pi + 16)$ cm
- D. $(16\pi + 16)$ cm

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,549

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

[Remove From Test](#)

Question 4

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which of the following numbers is the smallest?

- ✓ A. 0.015
- B. 0.051
- C. 0.501
- D. 0.105

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,551

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

[Remove From Test](#)

Question 5

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

$$60 + \frac{6}{10} + \frac{6}{1000} = \underline{\hspace{2cm}}$$

- A. 66.6
- B. 60.66
- C. 60.066
- ✓ D. 60.606

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,552

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

[Remove From Test](#)

Question 6

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the value of $80 - 24 \div 4 + 2$

- A. 16
- B. 28
- C. 72
- ✓ D. 76

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,553

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

[Remove From Test](#)

Question 7

Primary 6 Math » Primary 6 Math (Term 2)

Which of the following is likely the mass of a classroom chair?



- A. 0.03 kg
- B. 0.3 kg
- ✓ C. 3 kg
- D. 30 kg

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,554

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

[Remove From Test](#)

Question 8

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

234 092 people signed up for a charity run. Round the number to the nearest thousand.

- ✓ A. 234 000
- B. 234 100
- C. 235 000
- D. 235 100

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,555

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

[Remove From Test](#)

Question 9

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which one of the following is the same as $5 \div \frac{2}{3}$?

A. $\frac{1}{5} \times \frac{2}{3}$

B. $\frac{1}{5} \times \frac{3}{2}$

C. $\frac{5}{1} \times \frac{2}{3}$

✓ D. $\frac{5}{1} \times \frac{3}{2}$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,556

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

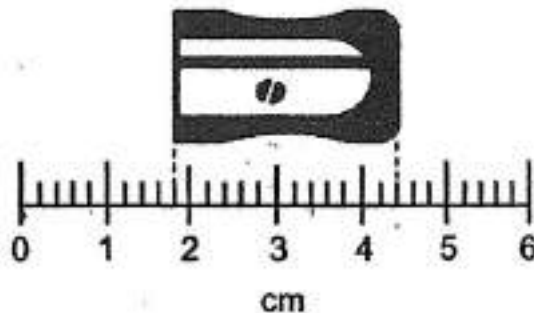
[Remove From Test](#)

Question 10

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A sharpener is placed on a scale as shown.
 What is the length of the sharpener as shown on the scale?



- A. 2.3 cm
- ✓ B. 2.6 cm
- C. 4.2 cm
- D. 4.4 cm

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,557

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

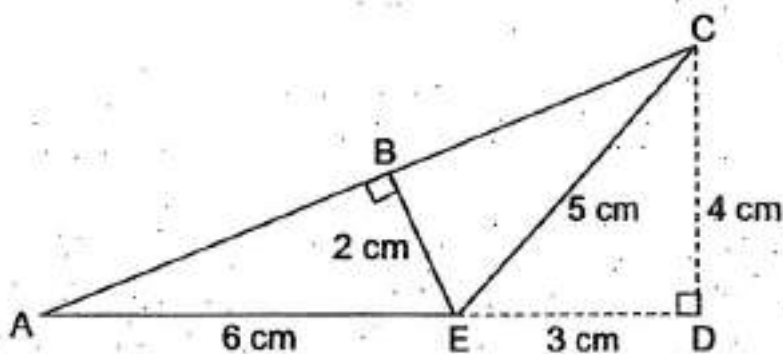
[Remove From Test](#)

Question 11

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

What is the area of triangle ACE as shown in the figure?



- ✓ A. 12 cm²
- B. 15 cm²
- C. 18 cm²
- D. 36 cm²

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,558

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

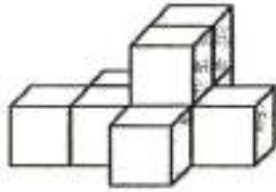
[Remove From Test](#)

Question 12

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The solid shown is formed using unit cubes. How many unit cubes are used to form the solid?



- A. 6
- B. 7
- C. 8
- ✓ D. 9

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,559

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

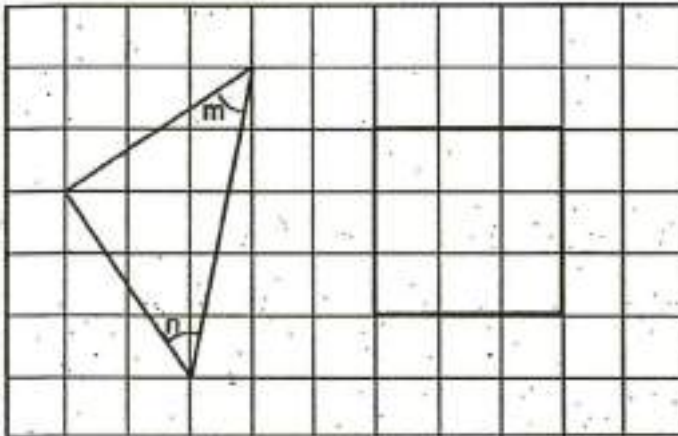
[Remove From Test](#)

Question 13

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

A triangle and a square are shown in the square grid below.



Which of the following statement(s) is/are true?

Statement A : $\angle m$ is equal to $\angle n$.

Statement B : The square has both parallel and perpendicular sides.

Statement C : The triangle has a greater area than the square.

- ✓ A. A and B only

- B. B and C only
- C. A and C only
- D. A, B and C

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,560

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

[Remove From Test](#)

Question 14

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Red and white erasers are both placed in box A and box B. Box A has as many erasers as box B. The ratio of the number of red erasers to the number of white erasers in box A is 3 : 2 and in box B, it is 7 : 8. What is the ratio of the total number of red erasers to the total number of white erasers?

- A. 1:01
- B. 6:09
- ✓ C. 8:07
- D. 21:16

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,561

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

[Remove From Test](#)

Question 15

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Four teams of hair stylists provide haircut services to raise funds for charity. For each haircut, customers with short hair are charged \$20 and customers with long hair are charged \$30. The table shows the number of haircuts completed by the various teams.

Team	Number of haircuts	
	Number of customers with short hair	Number of customers with long hair
A	6	8
B	8	7
C	11	6
D	12	5

Which of the four teams collected the most money for charity?

- A. A
- B. B
- ✓ C. C
- D. D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,562

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

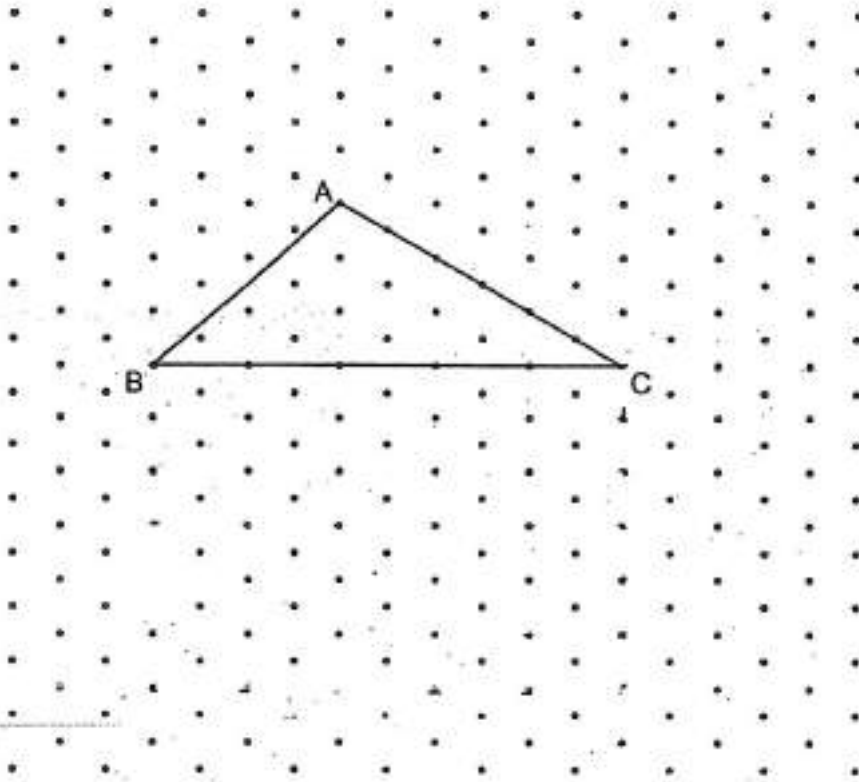
[Remove From Test](#)

Question 16

Primary 6 Math » Primary 6 Math (Term 2)

0 pts

The figure below shows a triangle ABC drawn on a grid.



BCDE is a rectangle with an area twice that of the triangle ABC.
Draw BCDE on the grid above.

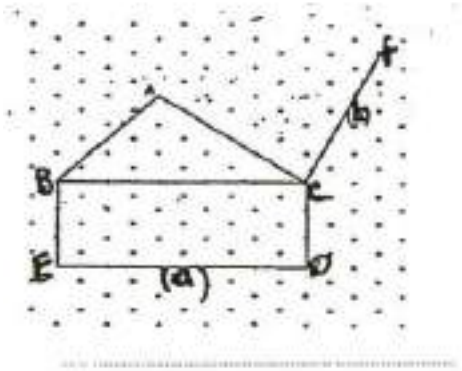
Draw line CF on the grid such that it is perpendicular to line AC.

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.

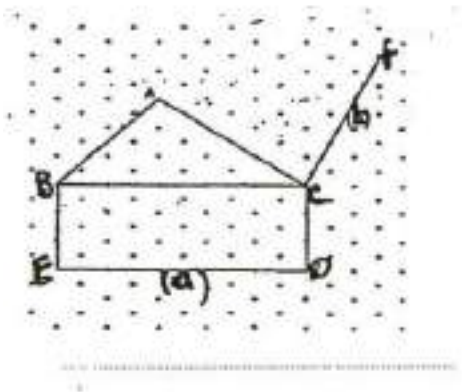
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question Type: Essay
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,569

Correctly answered feedback



Incorrectly answered feedback



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

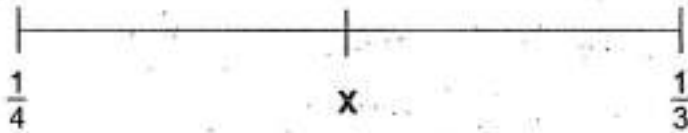
[Remove From Test](#)

Question 17

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Look at the number line below. The number line is marked at equal intervals. What is the value of X? Leave the answer as a fraction.



Accepted answers:

✓ Jul-24

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,571

Correctly answered feedback

 $\frac{7}{24}$

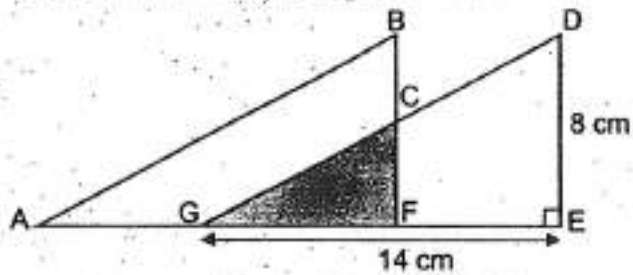
Incorrectly answered feedback

 $\frac{7}{24}$
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)
[Remove From Test](#)**Question 18**

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The figure below is formed by two identical triangles, ABF and GDE, overlapping each other. The figure has an area of 96 cm^2 . AGFE is a straight line. Find the area of the shaded triangle GCF.

Ans: _____ cm^2

Accepted answers:

- ✓ 16 cm square
- ✓ 16
- ✓ 16cm square

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,572

Correctly answered feedback16 cm²**Incorrectly answered feedback**16 cm²

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

[Remove From Test](#)

Question 19

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Mrs Lim uses the recipe below to make rose syrup milk drink.

<u>Rose syrup milk drink recipe</u> (makes 5 cups)	
300 ml	rose syrup
200 ml	evaporated milk
1000 ml	water

She has $1\frac{1}{2}$ l of rose syrup, 900 ml of evaporated milk and 3 l of water.

What is the greatest number of cups of rose syrup milk drink she can make?

Accepted answers:

✓ 15 cups

✓ 15

Question Type: Free Text

Date Added: Fri 20th Aug 2021

Last Modified: N/A

QID#: 28,775,573

Correctly answered feedback

$$1\frac{1}{2} \text{ l} = 1500$$

$$3 \text{ l} = 3000$$

$$1500 / 300 = 5$$

$$900 / 200 = 4 \text{ R}100$$

$$3000 / 1000 = 3$$

$$3 \times 5 = 15 \text{ cups}$$

Incorrectly answered feedback

$$1\frac{1}{2} \text{ l} = 1500$$

$$3 \text{ l} = 3000$$

$$1500 / 300 = 5$$

$$900 / 200 = 4 \text{ R}100$$

3000 / 1000 = 3
3 x 5 = 15 cups

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

[Remove From Test](#)

Question 20

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

A bakery had a number of buns for sale. After selling 150 in the morning and $\frac{5}{7}$ of the remainder in the afternoon, he was left with 120 buns. How many buns were sold altogether?

Accepted answers:

- ✓ 450 buns
- ✓ 450

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,575

Correctly answered feedback

$120 / 2 \times 5 = 300$
 $300 + 150 = 450$ buns

Incorrectly answered feedback

$120 / 2 \times 5 = 300$
 $300 + 150 = 450$ buns

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

[Remove From Test](#)

Question 21

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

1 million is _____ more than 600 999.

Accepted answers:

- ✓ 399 001
- ✓ 399001

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,576

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

[Remove From Test](#)

Question 22

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

For each question, show your workings clearly and write your answers in the units stated for questions that require units. (45 marks)

Jack had a piece of rope $\frac{4}{5}$ m long. She cut it into $\frac{3}{10}$ m pieces.

How many $\frac{3}{10}$ m pieces of rope were there at most?

Accepted answers:

- ✓ 2 pieces
- ✓ 2

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,577

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

[Remove From Test](#)

Question 23

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Jack had a piece of rope $\frac{4}{5}$ m long. She cut it into $\frac{3}{10}$ m pieces.

What was the length of the piece of rope left over?

Accepted answers:

- ✓ $\frac{1}{5}$ m
- ✓ $\frac{1}{5}$ m
- ✓ $1 / 5$ m
- ✓ $1 / 5$ m

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,578

Correctly answered feedback

$$\frac{1}{5}m$$

Incorrectly answered feedback

$$\frac{1}{5}m$$

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


[Remove From Test](#)

Question 24

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The table below shows the number of books read by each pupil in a class of 30 pupils. One of the numbers in the table is covered by an ink blot.

Number of books read by each pupil	0	y	
Number of pupils	10	14	6

The average number of books read by the pupils in the class is y .

Find the total number of books read by the class.

Leave your answer in terms of y .

Accepted answers:

✓ 30 y

✓ 30 y

Question Type: Free Text

Date Added: Fri 20th Aug 2021

Last Modified: N/A

QID#: 28,775,579

Correctly answered feedback

$$y \times (10 + 14 + 6) = 30y$$

Incorrectly answered feedback


$$y \times (10 + 14 + 6) = 30y$$

Question 25

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The table below shows the number of books read by each pupil in a class of 30 pupils. One of the numbers in the table is covered by an ink blot.

Number of books read by each pupil	0	y	
Number of pupils	10	14	6

The average number of books read by the pupils in the class is y .

What is the number covered by the ink blot?

Leave your answer in terms of y .

Accepted answers:

- ✓ $2\frac{2}{3}y$
- ✓ $2\frac{2}{3}y$
- ✓ $2\frac{2}{3}y$
- ✓ $2\frac{2}{3}y$

Question Type: Free Text

Date Added: Fri 20th Aug 2021

Last Modified: N/A

QID#: 28,775,580

Correctly answered feedback

$$30y - 14y = 16y$$

$$16y \div 6 = \frac{16y}{6}$$

$$= \frac{8y}{3}$$

$$\Rightarrow 2\frac{2}{3}y$$

Incorrectly answered feedback

$$30y - 14y = 16y$$

$$16y \div 6 = \frac{16y}{6}$$

$$= \frac{8y}{3}$$

$$\Rightarrow 2\frac{2}{3}y$$

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

[Remove From Test](#)

Question 26

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Write down all the common factors of 12 and 16.

Accepted answers:

- ✓ 1,2,4
- ✓ 1, 2, 4
- ✓ 1 2 4
- ✓ 1,2,4
- ✓ 1, 2, 4
- ✓ 1,4, 2
- ✓ 1,4,2
- ✓ 1, 4, 2
- ✓ 2, 1, 4
- ✓ 2,1,4
- ✓ 2,4,1
- ✓ 2, 4, 1
- ✓ 1 4 2
- ✓ 2 1 4
- ✓ 2 4 1
- ✓ 4 1 2
- ✓ 4 2 1
- 4,1,2

- ✓
- ✓ 4,2,1
- ✓ 4 , 1, 2

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,582

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

[Remove From Test](#)

Question 27

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

Mr Sim needs 220 pieces of string, each of length 30 cm, to tie parcels. String is sold in rolls of 20 m each. What is the least number of rolls of string that Mr Sim needs to buy?

Accepted answers:

- ✓ 4 rolls
- ✓ 4

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,583

Correctly answered feedback

20 m = 2000 cm
 $2000 / 30 = 66 \text{ R}20 \text{ cm} \sim 66$
 $220 / 66 = 3 \text{ R}22 \sim 4 \text{ rolls}$

Incorrectly answered feedback

20 m = 2000 cm
 $2000 / 30 = 66 \text{ R}20 \text{ cm} \sim 66$
 $220 / 66 = 3 \text{ R}22 \sim 4 \text{ rolls}$

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

[Remove From Test](#)

Question 28

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

Mrs Tan took 25 minutes while Mrs Lee took 40 minutes to make the same number of dumplings. Mrs Tan made 12 more dumplings in one minute than Mrs Lee. How many dumplings did Mrs Lee make in one minute?

Accepted answers:

- ✓ 20 dumplings
- ✓ 20

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,584

Correctly answered feedback

$25u + 300 = 40u$
 $15u = 300$
 $1u = 20$ dumplings

Incorrectly answered feedback

$25u + 300 = 40u$
 $15u = 300$
 $1u = 20$ dumplings

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

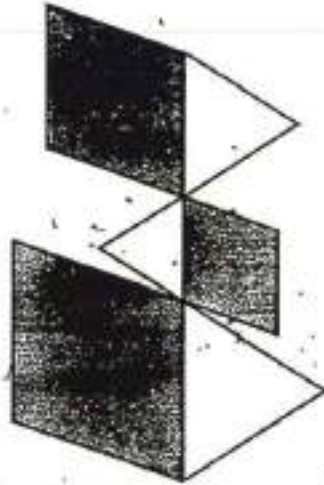
[Remove From Test](#)

Question 29

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

The figure below is formed using 3 rhombuses and 3 equilateral triangles. The perimeter of the shaded rhombuses is 60 cm. What is the perimeter of the figure?



Accepted answers:

- ✓ 75cm
- ✓ 75 cm
- ✓ 75

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,585

Correctly answered feedback

$60 / 12 = 5$
 $15 \times 5 = 75 \text{ cm}$

Incorrectly answered feedback

$60 / 12 = 5$
 $15 \times 5 = 75 \text{ cm}$

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

[Remove From Test](#)

Question 30

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The first 16 numbers of a number pattern are given below.

2 1 3 0 5 2 1 3 0 5 2 1 3 0 5 2
 1st 16th

What is the 76th number?

Accepted answers:

✓ 2

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,586

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

[Remove From Test](#)

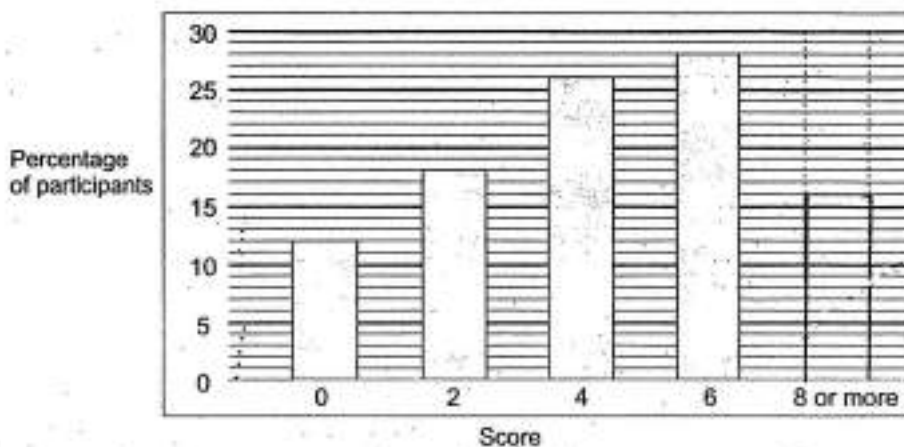
Question 31

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Participants of a competition must obtain a certain score in the first round to qualify for the second round. The table shows the number of participants for each score in the first round. The lowest score is 0. There were 150 participants in the first round.

Score	Number of Participants
0	18
2	27
4	39
6	42
8 or more	24



30% of the participants did not qualify for the second round. From the table, what was the lowest score of a participant who qualified for the second round?

Accepted answers:

✓ 4

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,587

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

Remove From Test

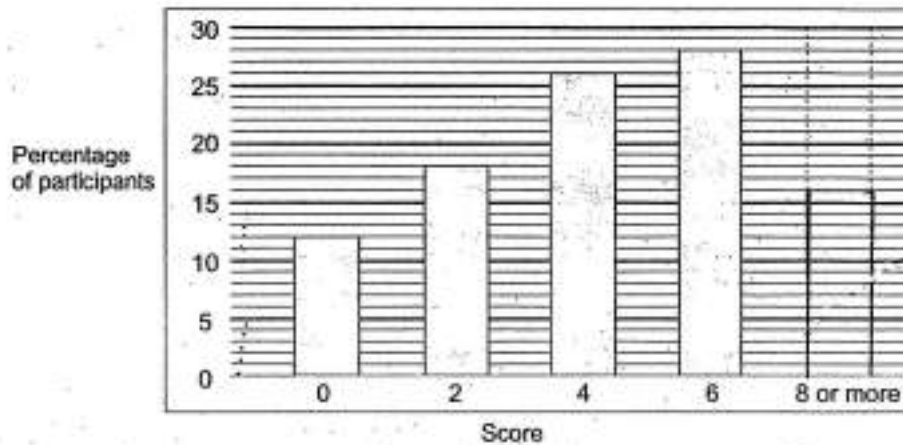
Question 32

Primary 6 Math » Primary 6 Math (Term 2)

0 pts

Participants of a competition must obtain a certain score in the first round to qualify for the second round. The table shows the number of participants for each score in the first round. The lowest score is 0. There were 150 participants in the first round.

Score	Number of Participants
0	18
2	27
4	39
6	42
8 or more	24



What percentage of the participants obtained a score of '8 or more'? Draw the bar for the percentage of participants who obtained a score of '8 or more' in the graph above.

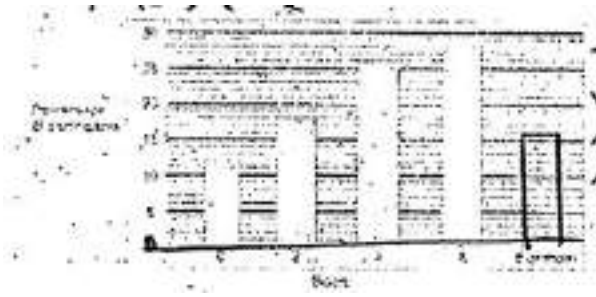
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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.

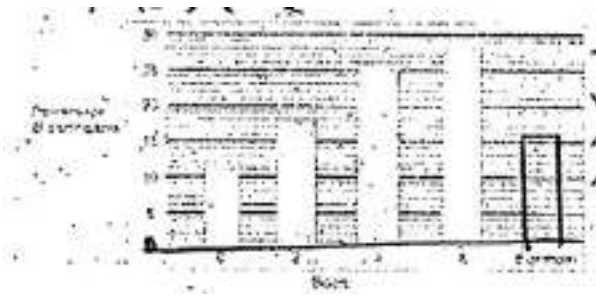
Question Type: Essay
Date Added: Fri 20th Aug 2021

Last Modified: N/A
QID#: 28,775,570

Correctly answered feedback



Incorrectly answered feedback



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

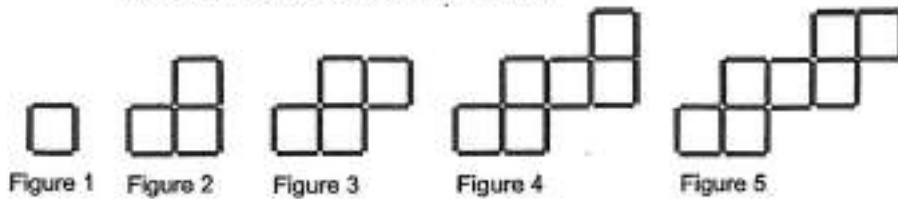
[Remove From Test](#)

Question 33

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Sticks of the same length are used to form figures that follow a pattern. The first five figures are shown below.



The table below shows the number of sticks used for each figure and the number of squares formed in each figure.

Figure Number	Number of sticks used	Number of squares
1	4	1
2	10	3
3	13	4
4	19	6
5	22	7
6		

[1]

Complete the table for Figure 6.

Accepted answers:

- ✓ 28,9
- ✓ 28, 9
- ✓ 28 , 9
- ✓ 28 ,9
- ✓ 28 and 9
- ✓ 28 & 9
- ✓ 28 9

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,581

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

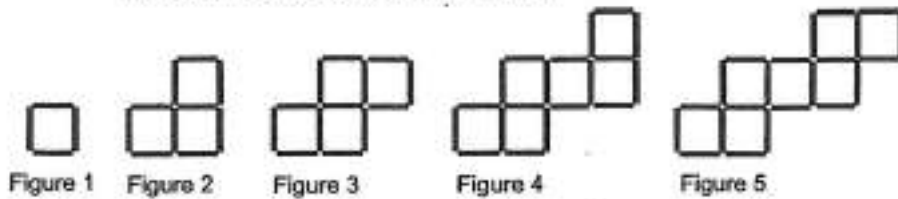
[Remove From Test](#)

Question 34

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Sticks of the same length are used to form figures that follow a pattern. The first five figures are shown below.



The table below shows the number of sticks used for each figure and the number of squares formed in each figure.

Figure Number	Number of sticks used	Number of squares
1	4	1
2	10	3
3	13	4
4	19	6
5	22	7
6		

[1]

How many squares are there in Figure 50?

Accepted answers:

- ✓ 75
- ✓ 75 squares

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,588

Correctly answered feedback

$$50 / 2 = 25$$

$$50 + 25 = 75$$

Incorrectly answered feedback

$$50 / 2 = 25$$

$$50 + 25 = 75$$

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

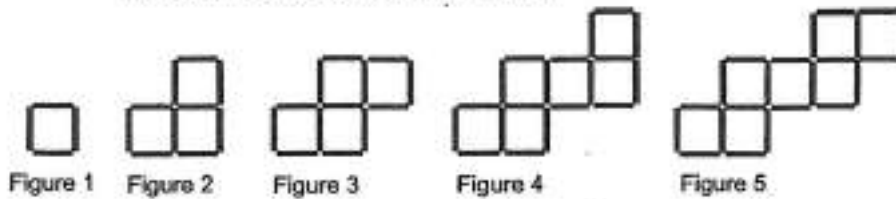
[Remove From Test](#)

Question 35

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Sticks of the same length are used to form figures that follow a pattern. The first five figures are shown below.



The table below shows the number of sticks used for each figure and the number of squares formed in each figure.

Figure Number	Number of sticks used	Number of squares
1	4	1
2	10	3
3	13	4
4	19	6
5	22	7
6		

[1]

How many sticks are used in Figure 101?

Accepted answers:

- ✓ 454
- ✓ 454 sticks

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,605

Correctly answered feedback

$101 - 1 = 100$
 $100 / 2 = 50$
 $50 + 1 = 51$
 $100 + 51 = 151$
 $151 \times 3 + 1 = 454$

Incorrectly answered feedback

$101 - 1 = 100$
 $100 / 2 = 50$
 $50 + 1 = 51$
 $100 + 51 = 151$
 $151 \times 3 + 1 = 454$

Question 36

Express 0.7% as a fraction.

Accepted answers:

- ✓ 7/1000
- ✓ 7 / 1000
- ✓ 7 / 1 000
- ✓ 7/1 000

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,589

Correctly answered feedback

$$\frac{7}{1000}$$

Incorrectly answered feedback

$$\frac{7}{1000}$$

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

[Remove From Test](#)

Question 37

Gareth completed a race in 190 seconds. He was 25 seconds faster than Raja. How long did Raja take to complete the race? _____
 Leave your answer in minutes and seconds.

Ans: ____ min ____ s

Accepted answers:

- ✓ 3 min 35 s
- ✓ 3min 35s
- ✓ 3 Mins 35 s

✓ 3mins 35s

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,590

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

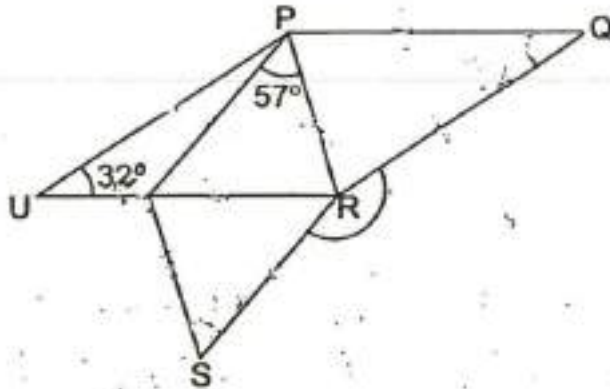
[Remove From Test](#)

Question 38

Primary 6 Math » Primary 6 Math (Term 2)

4 pts

In the figure, PQRU is a rhombus and PRST is a parallelogram.
 $\angle TPR = 57^\circ$ and $\angle RUP = 32^\circ$. Find $\angle SRQ$.



Accepted answers:

- ✓ 163 degrees
- ✓ 163 degree

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,591

Correctly answered feedback

$$180^\circ - 57^\circ = 123^\circ$$

$$\frac{180 - 32}{2} = 74^\circ$$

$$360^\circ - 74^\circ - 123^\circ \Rightarrow \underline{163^\circ}$$

Incorrectly answered feedback

$$180^\circ - 57^\circ = 123^\circ$$

$$\frac{180 - 32}{2} = 74^\circ$$

$$360^\circ - 74^\circ - 123^\circ \Rightarrow \underline{163^\circ}$$

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

[Remove From Test](#)

Question 39

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The fifth multiple of a 1-digit number is 24 more than its second multiple.
What is the seventh multiple of the 1-digit number?

Accepted answers:

✓ 56

Question Type: Free Text

Date Added: Fri 20th Aug 2021

Last Modified: N/A

QID#: 28,775,592

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

[Remove From Test](#)

Question 40

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Cindy bought a musical box and a watch at a discount. 20% discount was given to the musical box and the total discount given for both items was \$140. She paid a total of \$600 and paid \$120 more for the watch than the musical box.

How much did she pay for the musical box?

Accepted answers:

- ✓ \$240
- ✓ 240

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,593

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

[Remove From Test](#)

Question 41

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

Cindy bought a musical box and a watch at a discount. 20% discount was given to the musical box and the total discount given for both items was \$140. She paid a total of \$600 and paid \$120 more for the watch than the musical box.

What was the percentage discount given for the watch?
Round the answer to 1 decimal place.

Accepted answers:

- ✓ 18.20%
- ✓ 18 .2%
- ✓ 18 .2 %
- ✓ 18 . 2 %
- ✓ 18 . 2%
- ✓ 18. 2%
- ✓ 18. 2 %

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,594

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

[Remove From Test](#)

Question 42

Each question carries 2 marks. Show your workings clearly and for each question which require units, give your answers in the units stated. All diagrams are not drawn to scale. (10 marks)

For every \$5 saved by Ahmad, his father gave him \$1. How much was saved by Ahmad if he had a total of \$648 in his savings?

Ans: \$ _____

Accepted answers:

✓ \$540

✓ 540

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,607

Correctly answered feedback

$5 + 1 = 6$
 $648 / 6 = 108$
 $108 \times 5 = \$540$

Incorrectly answered feedback

$5 + 1 = 6$
 $648 / 6 = 108$
 $108 \times 5 = \$540$

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

[Remove From Test](#)

Question 43

Alan was given a total of 208 game cards. He wanted more cards so he bought the same number of cards each day for the next 10 days. At the end of the fifth day, he had bought $\frac{5}{23}$ of the total number of cards. How many game cards did he collect in the 5 days?

Handwritten notes: bought 5, buy 23, he was given and had bought in 10 days

Accepted answers:

✓ 80 cards

✓ 80

Question Type: Free Text

Date Added: Fri 20th Aug 2021
 Last Modified: N/A
 QID#: 28,775,595

Correctly answered feedback

$$\frac{5}{23} \times 2 = \frac{10}{23}$$

$$\frac{23}{23} - \frac{10}{23} = \frac{13}{23}$$

$$208 \div 13 = 16$$

$$16 \times 5 \Rightarrow \underline{80 \text{ cards}}$$

Incorrectly answered feedback

$$\frac{5}{23} \times 2 = \frac{10}{23}$$

$$\frac{23}{23} - \frac{10}{23} = \frac{13}{23}$$

$$208 \div 13 = 16$$

$$16 \times 5 \Rightarrow \underline{80 \text{ cards}}$$

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

[Remove From Test](#)

Question 44

Primary 6 Math » Primary 6 Math (Term 2)

4 pts

The number of blue pens that Mrs Li had was $\frac{6}{5}$ of the number of red pens. Her son took 52 red pens and 24 blue pens from her. After that, the number of red pens became $\frac{1}{6}$ of the number of blue pens. How many blue pens did Mrs Li have in the end?

Accepted answers:

✓ 48 blue pens

✓ 48

Question Type: Free Text**Date Added:** Fri 20th Aug 2021**Last Modified:** N/A**QID#:** 28,775,596**Correctly answered feedback**

$$52 - 20 = 32$$

$$32 / 4 = 8$$

$$8 \times 6 = 48 \text{ blue pens}$$

Incorrectly answered feedback

$$52 - 20 = 32$$

$$32 / 4 = 8$$

$$8 \times 6 = 48 \text{ blue pens}$$

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

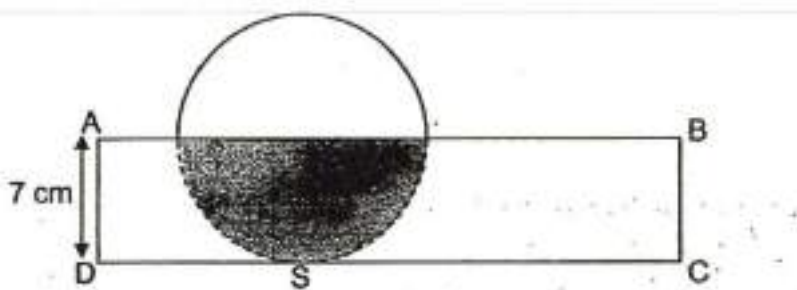
[Remove From Test](#)

Question 45

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

In the figure below, rectangle ABCD overlaps a circle with AB passing through the centre of the circle and DC touching a point, S, on the circumference of the circle. The area of the shaded part is $\frac{1}{3}$ of the area of the rectangle.



Take $\pi = \frac{22}{7}$.

Find the length of CD.

Accepted answers:

✓ 33cm

✓ 33 cm

33



Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,597

Correctly answered feedback

$$\frac{1}{2} \times 7 \times 7 \times \frac{22}{7} = 77$$

$$\frac{77 \times 3}{7} \Rightarrow \underline{33 \text{ cm}}$$

Incorrectly answered feedback

$$\frac{1}{2} \times 7 \times 7 \times \frac{22}{7} = 77$$

$$\frac{77 \times 3}{7} \Rightarrow \underline{33 \text{ cm}}$$

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

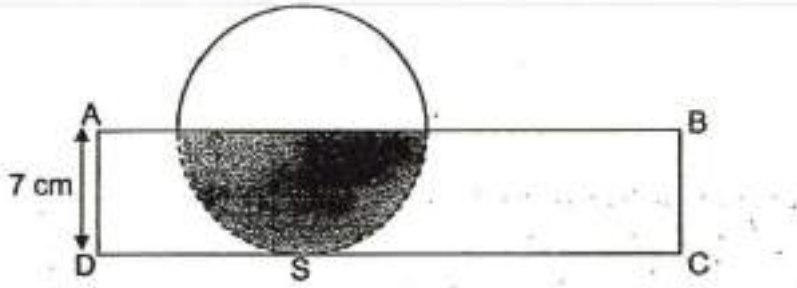
[Remove From Test](#)

Question 46

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

In the figure below, rectangle ABCD overlaps a circle with AB passing through the centre of the circle and DC touching a point, S, on the circumference of the circle. The area of the shaded part is $\frac{1}{3}$ of the area of the rectangle.



Take $\pi = \frac{22}{7}$.

Find the perimeter of the figure.

Accepted answers:

- ✓ 88 cm
- ✓ 88cm
- ✓ 88

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,602

Correctly answered feedback

$33 + 7 = 40$
 $40 \times 2 = 80$
 $80 - (7 \times 2) = 66$
 $7 \times 2 = 14$

$$\frac{1}{2} \times 14 \times \frac{22}{7} = 22$$

$$22 + 66 \Rightarrow \underline{88 \text{ cm}}$$

Incorrectly answered feedback

$33 + 7 = 40$
 $40 \times 2 = 80$
 $80 - (7 \times 2) = 66$

$$7 \times 2 = 14$$

$$\frac{1}{2} \times 14 \times \frac{22}{7} = 22$$

$$22 + 66 \Rightarrow \underline{88 \text{ cm}}$$

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

[Remove From Test](#)

Question 47

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The airmail rates for a parcel to Hong Kong is shown below.

Mass Step	Hong Kong
First 500 g	\$12.00
Every additional 100 g	\$ 2.50

Audrey sent a parcel weighing 650 g to Hong Kong. How much did she pay for the mail?

Ans: \$_____

Accepted answers:

- ✓ \$17.00
- ✓ \$17 . 00
- ✓ \$17
- ✓ 17
- ✓ \$ 17 . 00
- ✓ 17 . 00

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,598

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

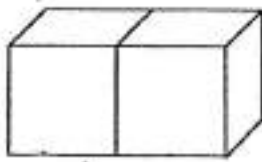
[Remove From Test](#)

Question 48

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Two cubes are glued together to form the solid below. All the faces of the solid are painted covering a total surface area of 160 cm^2 . What is the volume of one cube?



Ans: _____ cm^3

Accepted answers:

- ✓ 64 cm cube
- ✓ 64cm cube
- ✓ 64

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,599

Correctly answered feedback

64 cm^3

Incorrectly answered feedback

64 cm^3

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

[Remove From Test](#)

Question 49

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Peter was given a fixed monthly allowance. In January, he spent \$160. He spent \$200 in February. Find the percentage increase in his expenditure.

Ans: _____ %

Accepted answers:

- ✓ 25%
- ✓ 25

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,600

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

[Remove From Test](#)

Question 50

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

At a café, Alan paid \$9.50 for a Swiss roll and 2 curry puffs.
Ben paid \$18.50 for a Swiss roll and 8 curry puffs.
What is the total cost of 3 curry puffs?

Ans: \$ _____

Accepted answers:

- ✓ \$4.59
- ✓ \$4. 59
- ✓ \$ 4. 59
- ✓ \$4 .59
- ✓ \$4 . 59
- ✓ \$ 4 .59
- ✓ \$ 4 . 59
- ✓ 4.59
- ✓ 4 .59
- ✓ 4. 59
- ✓ 4 . 59

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,601

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

[Remove From Test](#)

Question 51

For questions which require units, give your answers in the units stated. (5 marks)

Find the value of 7.03×80 .

Accepted answers:

- ✓ 562.4
- ✓ 562 . 4
- ✓ 562. 4
- ✓ 562 .4

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,574

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

[Remove From Test](#)

Question 52

A string is cut into three shorter pieces. The first piece is $\frac{6}{7}$ the length of the second piece but 3 times as long as the third piece. Express the length of the longest piece of string as a fraction of the total length of all 3 pieces.

Accepted answers:

- ✓ Jul-15

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,603

Correctly answered feedback

$$\frac{7}{15}$$

Incorrectly answered feedback

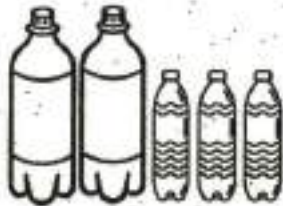
$$\frac{7}{15}$$
[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)

Question 53

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Justus fills two types of bottles, small and large, completely with water. 27 l of water is used to fill 12 small bottles and 2 large bottles. The total capacity of 2 large bottles is the same as the total capacity of 3 small bottles of water. What is the capacity of a large bottle of water? Leave your answer in litres.



Ans: _____ l

Accepted answers:

- ✓ 2.7 l
- ✓ 2.7 litres
- ✓ 2.7

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,604

Correctly answered feedback

2.7 /

Incorrectly answered feedback

2.7 /

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

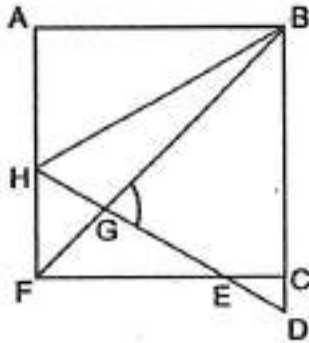
[Remove From Test](#)

Question 54

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

In the figure below, $ABCF$ is a square, HBD is an equilateral triangle and BGF is a straight line. Find $\angle BGD$.



Ans: _____

Accepted answers:

- ✓ 75 degrees
- ✓ 75 degree
- ✓ 75

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,606

Correctly answered feedback

75°

Incorrectly answered feedback

75°

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

[Remove From Test](#)

www.classmarker.com