



Tests [Edit Test](#)

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

Primary 6 Maths (Term 1) - Nan Hua

Add Questions	Assign	Settings	Review
-------------------------------	------------------------	--------------------------	------------------------

Duplicate	Print	Delete
---------------------------	-----------------------	------------------------

▶ Preview Test	↶ Assign Test
--------------------------------	-------------------------------

Test Introduction

[+ Add Introduction](#)

50 Questions (78 Points)

Question Bank: 12,655 Questions

Test Questions	0 Test Assignments
--------------------------------	------------------------------------

Question 1	<i>Primary 6 Math</i> » Primary 6 Math (Term 1)	1 pt
<p>Section A (20 marks)</p> <p>There were 416 820 visitors to a tourist attraction last year. Express this number to the nearest ten thousand</p> <p>A. 400 000</p> <p>✓ B. 420 000</p> <p>C. 417 000</p> <p>D. 410 000</p> <hr/> <p>Question Type: Multiple Choice Randomize Answers: No Date Added: Fri 20th Aug 2021 Last Modified: N/A QID#: 28,775,170</p> <hr/> <p>↶ Answers ✎ Edit Duplicate ↶ Used In ↕ Reorder Remove From Test</p>		
Question 2	<i>Primary 6 Math</i> » Primary 6 Math (Term 1)	1 pt
<p>What does the digit 2 in 3 728 459 stand for?</p>		

- A. 2 hundreds
- B. 2 thousands
- ✓ C. 20 thousands
- D. 200 thousands

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,171

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

[Remove From Test](#)

Question 3

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

A is 3 times of B, and B is 3 times of C. What is the ratio of A:B:C?

- A. 3:01:01
- B. 3:03:01
- C. 9:01:03
- ✓ D. 9:03:01

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,158

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

[Remove From Test](#)

Question 4

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

A sum of money is divided among Ali, Bala and Calvin in the ratio of 3:4:5. Calvin receives \$80 more than Ali, what is the sum of money?

- A. \$120
- B. \$192
- ✓ C. \$480
- D. \$960

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

QID#: 28,775,166

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 5**

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Which of the following has the same value as $\frac{4}{5} + 3$?

A. $\frac{4}{5}$ of 3B. 3 times of $\frac{5}{4}$ C. 4 times of $\frac{5}{3}$ ✓ D. $\frac{1}{3}$ of $\frac{4}{5}$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,172

[Answers](#) | [Edit](#) | [Duplicate](#) | [Used In](#) | [Reorder](#)[Remove From Test](#)**Question 6**

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Express 68% as a fraction

Accepted answers:

- ✓ 17/25
- ✓ 17/ 25
- ✓ 17 /25
- ✓ 17 / 25

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,128

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

[Remove From Test](#)

Question 7

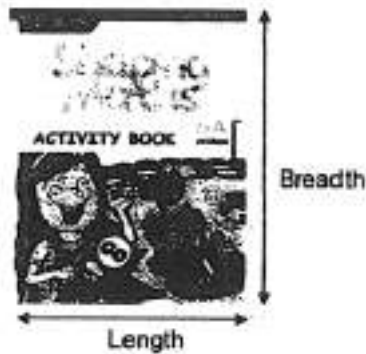
Primary 6 Math » Primary 6 Math (Term 1)

1 pt

The picture below shows a Math Activity Book, not drawn to scale.

What is the best estimate of its actual length and breadth?

	Length (cm)	Breadth (cm)
(1)	12	20
(2)	22	28
(3)	42	50
(4)	52	68



- 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#: 28,775,161

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

[Remove From Test](#)

Question 8

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

The table below shows the parking charges at a carpark in a shopping mall.

Time	Parking Charges
First hour	\$2.50
Every additional half hour	\$1.20

Mr Li parked his car at the carpark from 8.00 a.m. to 11.15 a.m.

How much did he pay?

- A. \$6.10
- B. \$7.30
- C. \$7.90
- ✓ D. \$8.50

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,168

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

[Remove From Test](#)

Question 9

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Find the value of $10.5 - 6.42$

Accepted answers:

- ✓ 4.08

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,130

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

[Remove From Test](#)

Question 10

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Elaine had 40 hair clips and Dora had 64 hair clips. Elaine gave Dora 24 hair clips. What was the new ratio of the number of Elaine's hair clips to the number of Dora's hair clips? Give your answer in simplest form

- ✓ A. 2:11

- B. 11:02
- C. 5:11
- D. 11:05

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,169

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

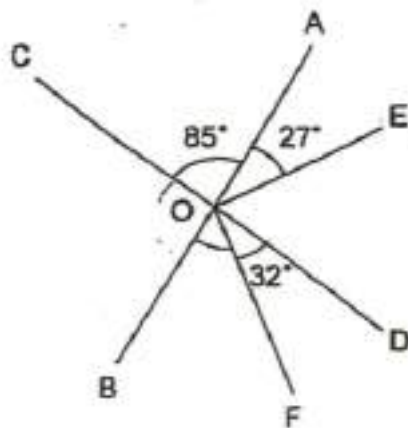
[Remove From Test](#)

Question 11

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

AB and CD are straight lines. $\angle COA = 85^\circ$, $\angle AOE = 27^\circ$ and $\angle DOF = 32^\circ$. Find $\angle BOF$.



- ✓ A. 53
- B. 58
- C. 68
- D. 80

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,164

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

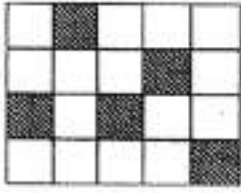
[Remove From Test](#)

Question 12

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

The figure below shows 20 squares. How many more squares must be shaded so that 40% of the figure is unshaded?



- ✓ A. 7
- B. 8
- C. 12
- D. 13

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,167

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

[Remove From Test](#)

Question 13

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Find the value of $4 + \frac{2}{3}$.

Accepted answers:

- ✓ 6

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,132

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

[Remove From Test](#)

Question 14

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

The table below shows the original price and the sale price of a dress.

Find the percentage change in price.

Original Price	Sale Price
\$150	\$120

- ✓ A. 20%
- B. 25%
- C. 80%
- D. 125%

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,163

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

[Remove From Test](#)

Question 15

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Express 0.8 as a percentage

- A. 0.01%
- B. 0.08%
- C. 8%
- ✓ D. 80%

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,162

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

[Remove From Test](#)

Question 16

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Jack is $\frac{5}{6}$ as heavy as Jill. What is the ratio of Jill's mass to their total mass?

- A. 5:06
- B. 6:05
- C. 5:11
- ✓ D. 6:11

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,160

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

[Remove From Test](#)

Question 17

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Winnie had $\frac{3}{8}$ as many dolls as Lindy. Lindy gave half of her dolls to Winnie.

What was the ratio of the number of Winnie's dolls to the number of Lindy's dolls in the end?

- A. 7:08
- ✓ B. 7:04
- C. 3:04
- D. 4:07

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,165

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

[Remove From Test](#)

Question 18

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

20% of a group of children are boys. Given that there are 40 boys, how many children are there in the group?

- A. 8
- B. 32
- C. 160
- ✓ D. 200

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,159

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

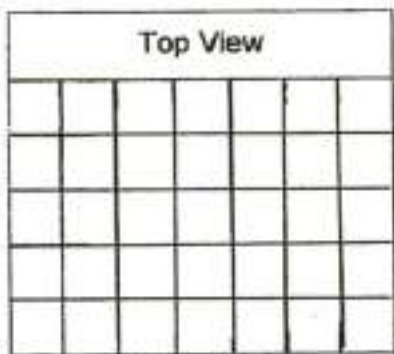
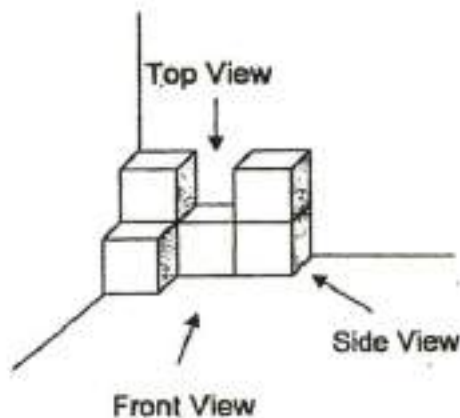
[Remove From Test](#)

Question 19

Primary 6 Math » Primary 6 Math (Term 1)

0 pts

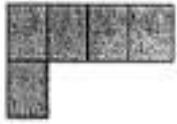
Study the following solid. Draw its top-view on the square grid provided below.



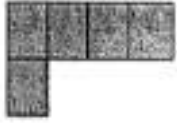
Please press "done" to proceed to the next question

Question Type: Essay
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,123

Correctly answered feedback



Incorrectly answered feedback



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

[Remove From Test](#)

Question 20

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Devi bought some red and blue beads to make a necklace.

The ratio of the number of red beads to the number of blue beads is 3 : 5. After making the necklace, the ratio of the number of red beads to the number of blue beads became 2 : 5. A total of 21 red beads and $\frac{2}{3}$ of the blue beads were used to make the necklace.

How many red and blue beads did Devi buy altogether?

Accepted answers:

✓ 72

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,124

Correctly answered feedback

$$\begin{array}{r} 2 \\ 3 \overline{) 15} \\ \underline{6} \\ 9 \end{array}$$

Red	Blue
$3u_{x3}$	$5u_{x3}$
$9u$	$15u$

$$9u - 2u = 7u$$

$$21 \div 7u = 3$$

$$9 + 15 = 24$$

$$24 \times 3 = 72 \text{ (altogether)}$$

Incorrectly answered feedback

$$\begin{array}{r} 2 \\ 3 \overline{) 15} \\ \underline{6} \\ 9 \end{array}$$

Red	Blue
$3u_{x3}$	$5u_{x3}$
$9u$	$15u$

$$9u - 2u = 7u$$

$$21 \div 7u = 3$$

$$9 + 15 = 24$$

$$24 \times 3 = 72 \text{ (altogether)}$$

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

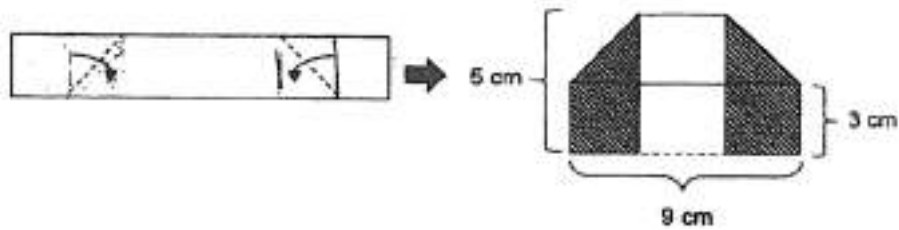
[Remove From Test](#)

Question 21

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Clara folded a piece of rectangular paper into the following shape as shown below. Find the area of the rectangular paper.



Accepted answers:

- ✓ 30cm²
- ✓ 30 cm²
- ✓ 30

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,125

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

[Remove From Test](#)

Question 22

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Find the value of $\frac{2}{3} + \frac{4}{5}$. Give your answer in the simplest form.

Accepted answers:

- ✓ 5-Jun

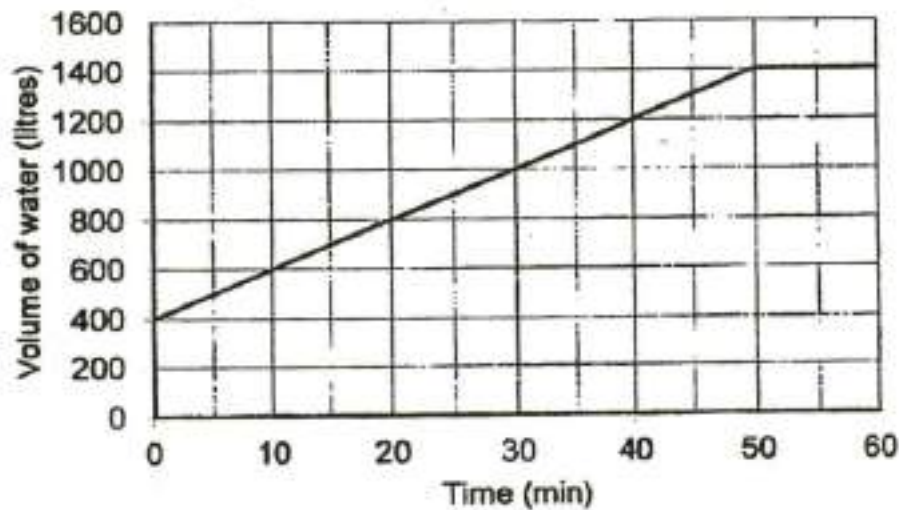
Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,126

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

[Remove From Test](#)

Question 23

A rectangular tank was filled with some water. A tap was turned on for 60 minutes for more water to flow into the tank. The line graph shows the volume of water in the tank over the 60 minutes.



Study the graph above carefully and answer the following questions. Fill in your answer in the table below.

Question	Answer
a) What was the amount of water in the tank before the tap was turned on?	litres

Accepted answers:

✓ 400 litres

✓ 400

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,127

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

[Remove From Test](#)

Question 24

b) What was the capacity of the tank?

Accepted answers:

- ✓ 1400 litres
- ✓ 1400

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,131

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

[Remove From Test](#)

Question 25

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Xavier, Yan and Zac wanted to buy a toy. Xavier agreed to pay 40% of the cost of the toy while Yan agreed to pay 30% of the remaining amount. The balance will be paid by Zac. A few days later, they bought the toy. However, the price of the toy increased by 20%. As a result, Xavier paid \$60 for his share.

(a) How much did the toy cost before the price increase?

Accepted answers:

- ✓ \$125
- ✓ 125

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,129

Correctly answered feedback

$100 + 20 = 120$
 $120\% \times 40 = 48$
 $60 \div 48 = 1.25$
 $\$1.25 \times 100 = \125

Incorrectly answered feedback

$100 + 20 = 120$
 $120\% \times 40 = 48$
 $60 \div 48 = 1.25$
 $\$1.25 \times 100 = \125

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

[Remove From Test](#)

Question 26

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

b) How much did Zac pay for the toy?

Accepted answers:

- ✓ \$63
- ✓ 63

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,134

Correctly answered feedback

$1.25 \times 120 = 150$
 $150 - 60 = 90$
 $90\% \times 30 = 27$
 $150 - 27 - 60 = 63$

Incorrectly answered feedback

$1.25 \times 120 = 150$
 $150 - 60 = 90$
 $90\% \times 30 = 27$
 $150 - 27 - 60 = 63$

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

[Remove From Test](#)

Question 27

Primary 6 Math » Primary 6 Math (Term 1)

1 pt

Find the missing number in the box

12:15 = ___:25

Accepted answers:

- ✓ 20

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,133

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

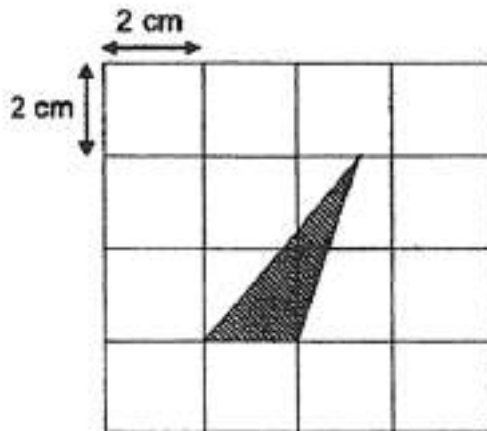
[Remove From Test](#)

Question 28

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

A triangle is shown in the square grid below. What is the area of the shaded triangle?



Accepted answers:

- ✓ 4cm²
- ✓ 4 cm²
- ✓ 4

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,135

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

[Remove From Test](#)

Question 29

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

On an excursion, there was 1 teacher to each group of 20 pupils. There were 180 pupils in total. How many teachers were there on the excursion?

Accepted answers:

- ✓ 9

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,136

Correctly answered feedback
 $180 \div 20 = 9$
Incorrectly answered feedback
 $180 \div 20 = 9$

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

[Remove From Test](#)

Question 30

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

35% of a number is 70. What is 50% of the number?

Accepted answers:

✓ 100

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,137

Correctly answered feedback
 $35\% = 70$
 $50\% = (70 \div 35) \times 50 = 100$
Incorrectly answered feedback
 $35\% = 70$
 $50\% = (70 \div 35) \times 50 = 100$

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

[Remove From Test](#)

Question 31

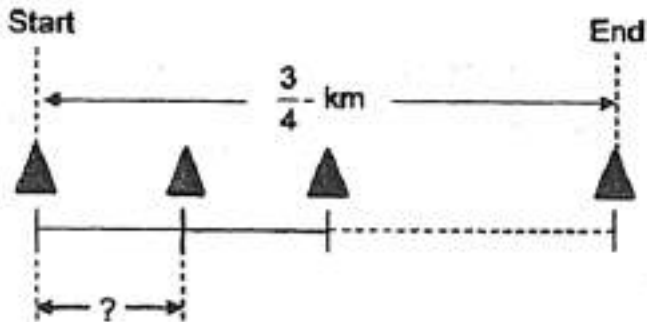
Primary 6 Math » Primary 6 Math (Term 1)

2 pts

10 cones were placed at an equal distance apart on a $\frac{3}{4}$ - km path.

How far apart was each cone?

Express your answer as a fraction in the simplest form.



Accepted answers:

✓ 1/2 km

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,138

Correctly answered feedback

$$\frac{3}{4} \times \frac{1}{9} = \frac{1}{12} \text{ km}$$

Incorrectly answered feedback

$$\frac{3}{4} \times \frac{1}{9} = \frac{1}{12} \text{ km}$$

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

[Remove From Test](#)

Question 32

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

For every 5 keychains that Angel buys, she gets 1 keychain free. Angel needs to get 80 keychains, what is the least number of keychains she has to buy?

Accepted answers:

✓ 67

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,140

Correctly answered feedback

5 + 1 = 6
80 ÷ 6 = 13 R2
13 x 15 = 65
65 + 2 = 67

Incorrectly answered feedback

5 + 1 = 6
80 ÷ 6 = 13 R2
13 x 15 = 65
65 + 2 = 67

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

[Remove From Test](#)

Question 33

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Samuel had some coins. The number of ten-cent coins was $\frac{2}{5}$ the number of twenty-cent coins. Samuel took out 10 twenty-cent coins from the bag and exchanged them for ten-cent coins of equal value. The ratio of the number of ten-cent coins to the number of twenty-cent coins became 8: 5. How many twenty-cent coins and ten-cent coins did he have at first?

Accepted answers:

✓ 30

✓ 42

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,139

Correctly answered feedback

$10u+100=40u-80$
 $100+80=180$
 $180\div(40-10)=6$
 $6\times 2=12$
 $5\times 6=30$

Ten-cents	Twenty-cents
5x 2u	5u
50x +20	-10
8p	5p

Incorrectly answered feedback

$10u+100=40u-80$
 $100+80=180$
 $180\div(40-10)=6$
 $6\times 2=12$
 $5\times 6=30$

Ten-cents	Twenty-cents
5x 2u	5u
50x +20	-10
8p	5p

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

[Remove From Test](#)

Question 34

Primary 6 Math » Primary 6 Math (Term 1)

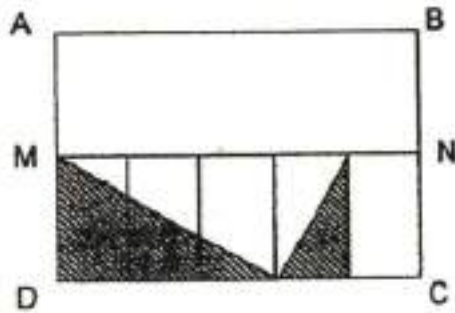
2 pts

The figure is made up of two identical rectangles **ABNM** and **MNCD**.

Rectangle **MNCD** is made up of 5 identical smaller rectangles.

What fraction of Figure **ABCD** is shaded?

Give your answer in the simplest form.



Accepted answers:

✓ 1-May

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,141

Correctly answered feedback

$5 \times 2 = 10$
 $3 \div 2 = 1.5$
 $1.5 + 0.5 = 2$
 $2/10 = 1/5$

Incorrectly answered feedback

$5 \times 2 = 10$
 $3 \div 2 = 1.5$
 $1.5 + 0.5 = 2$
 $2/10 = 1/5$

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

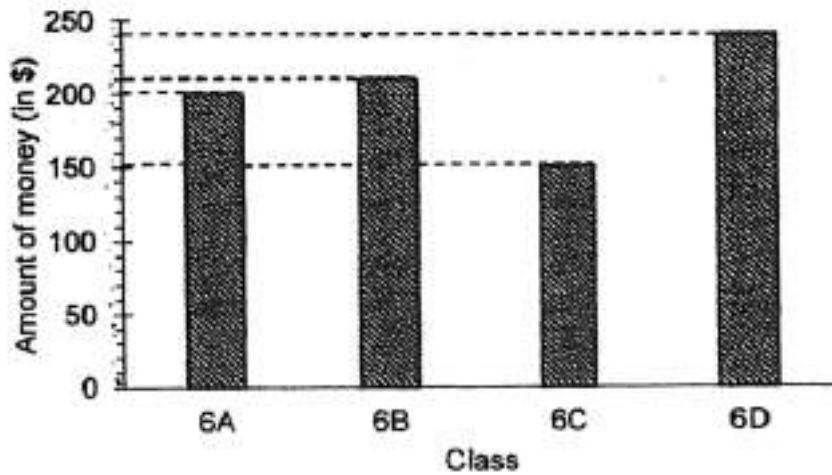
[Remove From Test](#)

Question 35

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

The bar graph shows the amount of money collected from a charity event by four Primary 6 classes.



What was the total amount of money collected by the four classes?

Accepted answers:

✓ 800

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,142

Correctly answered feedback

$$250 - 200 = 50$$

$$50 \div 5 = 10 \text{ (1 unit on graph)}$$

$$240 + 150 + 210 + 200 = 800$$

Incorrectly answered feedback

$$250 - 200 = 50$$

$$50 \div 5 = 10 \text{ (1 unit on graph)}$$

$$240 + 150 + 210 + 200 = 800$$

Question 36

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

b) Class 6E collect4ed \$275 from the charity event. What was the average amount of money collected by the five classes?

Accepted answers:

✓ 215

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,143

Correctly answered feedback

$800+275=1075$
 $1075+5=215$

Incorrectly answered feedback

$800+275=1075$
 $1075+5=215$

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

[Remove From Test](#)

Question 37

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

There are 42 children in a class. 40% of the boys and 50% of the girls likes to eat vegetables. There are 19 children who like to eat vegetables. Find the number of boys in the class.

Accepted answers:

✓ 20

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,144

Correctly answered feedback

Boys		Girls	
Like	Dislike	Like	Dislike
2u	3u	1p	1p

$$5u + 2p = 42$$

$$(2u + 1p = 19) \times 2$$

$$4u + 2p = 38$$

$$5u - 4u = 42 - 38$$

$$1u = 4$$

$$5u = 4 \times 5 = 20$$

Incorrectly answered feedback

Boys		Girls	
Like	Dislike	Like	Dislike
2u	3u	1p	1p

$$5u + 2p = 42$$

$$(2u + 1p = 19) \times 2$$

$$4u + 2p = 38$$

$$5u - 4u = 42 - 38$$

$$1u = 4$$

$$5u = 4 \times 5 = 20$$

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

[Remove From Test](#)

Question 38

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

There are 30 coins in a bag. They consist of twenty-cent and fifty-cent coins. The total value of the coins is \$9.30. How many twenty cent coins are there?

Accepted answers:

✓ 19

Question Type: Free Text

Date Added: Fri 20th Aug 2021

Last Modified: N/A

QID#: 28,775,145

Correctly answered feedback

Assume all the coins are fifty-cent coins

$$30 \times 0.50 = 15$$

$$15 - 9.30 = 5.70$$

$$0.50 - 0.20 = 0.30$$

$$5.70 \div 0.30 = 19$$

Incorrectly answered feedback

Assume all the coins are fifty-cent coins

$$30 \times 0.50 = 15$$

$$15 - 9.30 = 5.70$$

$$0.50 - 0.20 = 0.30$$

$$5.70 \div 0.30 = 19$$

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

[Remove From Test](#)

Question 39

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Ali has 210 balls. 20% of them are red. How many red balls must he buy so that 30% of the total balls are red balls?

Accepted answers:

✓ 30

Question Type: Free Text

Date Added: Fri 20th Aug 2021

Last Modified: N/A

QID#: 28,775,146

Correctly answered feedback

$$\begin{aligned}
 100\% \text{ of balls} &= 210 \\
 20\% \text{ of balls} &= (210 \div 100) \times 20 \\
 &= 42 \\
 210 - 42 &= 168 \\
 168 \div (100 - 30) &= 2.4 \\
 2.4 \times 30 &= 72 \\
 72 - 42 &= 30
 \end{aligned}$$

Incorrectly answered feedback

$$\begin{aligned}
 100\% \text{ of balls} &= 210 \\
 20\% \text{ of balls} &= (210 \div 100) \times 20 \\
 &= 42 \\
 210 - 42 &= 168 \\
 168 \div (100 - 30) &= 2.4 \\
 2.4 \times 30 &= 72 \\
 72 - 42 &= 30
 \end{aligned}$$

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

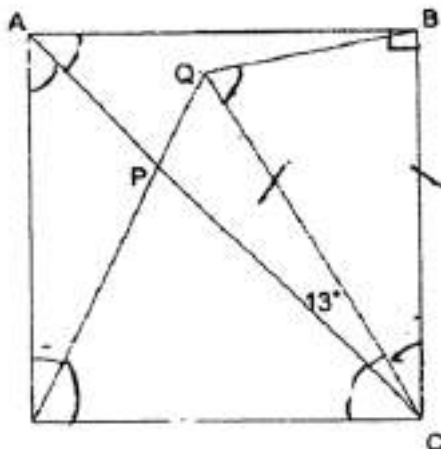
[Remove From Test](#)

Question 40

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

ABCD is a square. QPD and APC are straight lines. QC = BC and $\angle PCQ = 13^\circ$. Find $\angle ADQ$.



Accepted answers:

✓ 29

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,147

Correctly answered feedback

$$45^\circ + 13^\circ = 58^\circ$$

$$180^\circ - 58^\circ = 122^\circ$$

$$122^\circ \div 2 = 61^\circ$$

$$90^\circ - 61^\circ = 29^\circ$$

Incorrectly answered feedback

$$45^\circ + 13^\circ = 58^\circ$$

$$180^\circ - 58^\circ = 122^\circ$$

$$122^\circ \div 2 = 61^\circ$$

$$90^\circ - 61^\circ = 29^\circ$$

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

[Remove From Test](#)

Question 41

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Find every 5 apples that Carl gets, Alan gets 7. Alan get 35 apples. How many apples does Carl get?

Accepted answers:

- ✓ 25 apples
- ✓ 25

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,148

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

[Remove From Test](#)

Question 42

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

A florist had 66 more stalks of roses than tulips. She sold $\frac{1}{3}$ of the roses and $\frac{3}{5}$ of the tulips. She sold 74 more tulips than roses. How many roses and tulips did she have left?

Accepted answers:

✓ 428

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,149

Correctly answered feedback

	Roses	Tulip
At first	$15u+66$	$15u$
sold	$5u+22$	$9u$
left	$10u+44$	$6u$

$$9u - 74 = 5u + 22 \text{ (sold 74 more Tulip than Roses)}$$

$$9u - 5u = 22 + 74$$

$$4u = 96$$

$$1u = 96 \div 4$$

$$= 24$$

$$10 \times 24 = 240$$

$$240 + 44 = 284$$

$$6 \times 24 = 144$$

$$284 + 144 = 428$$

Incorrectly answered feedback

	Roses	Tulip
At first	$15u+66$	$15u$
sold	$5u+22$	$9u$
left	$10u+44$	$6u$

$$9u - 74 = 5u + 22 \text{ (sold 74 more Tulip than Roses)}$$

$$9u - 5u = 22 + 74$$

$$4u = 96$$

$$1u = 96 \div 4$$

$$= 24$$

$$10 \times 24 = 240$$

$$240 + 44 = 284$$

$$6 \times 24 = 144$$

$$284 + 144 = 428$$

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

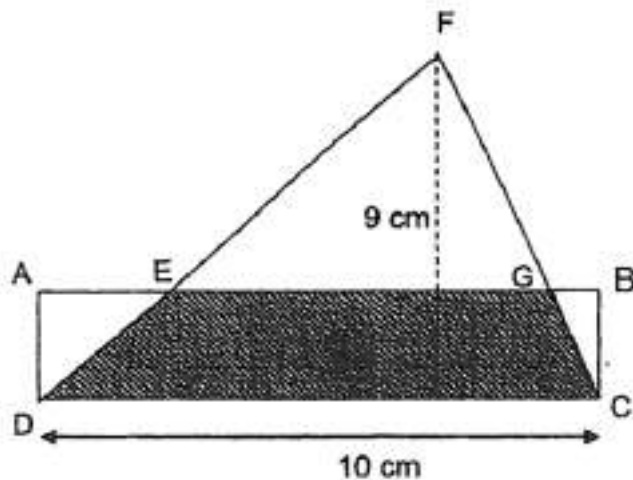
[Remove From Test](#)

Question 43

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

In the figure, ABCD is a rectangle. DC = 10 cm and the height of triangle DFC is 9 cm. The area of the shaded part EGCD is $\frac{5}{9}$ the area of triangle DFC and the area of the shaded part EGCD is $\frac{5}{6}$ the area of rectangle ABCD. Find the length of BC.



Accepted answers:

✓ 3cm

✓ 3 cm

3



Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,150

Correctly answered feedback

$$\frac{1}{2} \times 9 \times 10 = 45$$

$$\text{Area of triangle} = 45 \text{ cm}^2$$

$$\frac{5}{9} \text{ of area of triangle} = (45 \text{ cm}^2 \div 9) \times 5$$

$$= 25 \text{ cm}^2$$

$$\frac{5}{6} \text{ of area of rectangle} = 25 \text{ cm}^2$$

Area of

rectangle = $(25 \div 5) \times 6 = 30$ Length BC = $30 \div 10 = 3$ **Incorrectly answered feedback**

$$\frac{1}{2} \times 9 \times 10 = 45$$

$$\text{Area of triangle} = 45 \text{ cm}^2$$

$$\frac{5}{9} \text{ of area of triangle} = (45 \text{ cm}^2 \div 9) \times 5$$

$$= 25 \text{ cm}^2$$

$$\frac{5}{6} \text{ of area of rectangle} = 25 \text{ cm}^2$$

Area of

rectangle = $(25 \div 5) \times 6 = 30$ Length BC = $30 \div 10 = 3$

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

[Remove From Test](#)**Question 44**

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Mrs Amos had a packet of flour. She used 20% of the flour to make some cupcakes and 60% of the remaining flour to bake some cookies. What percentage of the flour was left?

Accepted answers:

✓ 32%

✓ 32

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,151

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

[Remove From Test](#)

Question 45

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Damien's scores for 5 games are shown in the table below.

Game	1 st	2 nd	3 rd	4 th	5 th
Score	5	10	0	8	17

Find his average score.

Accepted answers:

✓ 8

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,152

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

[Remove From Test](#)

Question 46

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Alan had some cards and he gave some to two friends, Ben and Carl.

Alan first gave $\frac{1}{3}$ of his cards and 8 more cards to Ben.

Alan then gave $\frac{3}{4}$ of the remainder to Carl and 2 more cards.

In the end, Alan was left with 46 cards. How many cards did Alan have at first?

Accepted answers:

✓ 300

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,153

Correctly answered feedback

$46 + 2 = 48$
 $48 \times 4 = 192$
 $192 + 8 = 200$
 $200 \div (3 - 1) = 100$
 $100 \times 3 = 300$

Incorrectly answered feedback

$46 + 2 = 48$
 $48 \times 4 = 192$
 $192 + 8 = 200$
 $200 \div (3 - 1) = 100$
 $100 \times 3 = 300$

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

[Remove From Test](#)

Question 47

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

Jane bought $\frac{4}{5}$ m of ribbon. She cut the ribbon equally into shorter pieces of $\frac{1}{4}$ m each. What is the length of the remaining piece?
 Give your answer as a fraction in the simplest form.

Accepted answers:

✓ Jan-20

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

Last Modified: N/A
QID#: 28,775,154

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

[Remove From Test](#)

Question 48

Primary 6 Math » Primary 6 Math (Term 1)

2 pts



Mr Rahmat bought a set of sofa and a bed from Nan Hua Furniture Shop.
The discounted price of the set of sofa was \$240 less than the usual price.
The discounted price of the bed was \$180 less than the usual price.
How much did he pay altogether?

Accepted answers:

- ✓ \$1,680
- ✓ 1680

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,155

Correctly answered feedback

100% - 20% = 80%
20% of the price of the sofa= \$240
80% of the price of the sofa= \$960
20% of the price of the bed= \$180
80% of the price of the bed= \$720
Total price= \$720+ \$960= \$1680

Incorrectly answered feedback

100% - 20% = 80%
20% of the price of the sofa= \$240
80% of the price of the sofa= \$960
20% of the price of the bed= \$180
80% of the price of the bed= \$720
Total price= \$720+ \$960= \$1680

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

[Remove From Test](#)

Question 49

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

The breadth of a rectangle is $\frac{2}{3}$ of its length.

The perimeter is 60 cm. Find the area of the rectangle.

Accepted answers:

- ✓ 216cm²
- ✓ 216 cm²
- ✓ 216

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,156

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

[Remove From Test](#)

Question 50

Primary 6 Math » Primary 6 Math (Term 1)

2 pts

$\frac{1}{3}$ of Ray's money is the same as $\frac{2}{5}$ of Henry's money.

What is the ratio of Ray's money to Henry's money?

Accepted answers:

- ✓ 6:05

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#: *28,775,157*

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

[Remove From Test](#)

www.classmarker.com