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(2020) Primary 6 Math (Term 2) - Nanyang

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58 Questions (58 Points)

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Test Questions

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Question 1

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Simplify the following algebraic expression

$$34 + 9a - a + 5a$$

- A. $3a + 34$
- B. $6a + 43$
- ✓ C. $13a + 34$
- D. $15a - 34$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,482

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Question 2

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

What is the value of 58×1000 ?

- A. 580 000
- ✓ B. 58 000
- C. 5800
- D. 580

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,801

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Question 3

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Joseph used $\frac{2}{3}$ ℓ of water and $\frac{1}{10}$ ℓ of syrup to make a drink. He spilled $\frac{1}{3}$ ℓ of the drink. How much drink did he have left?

- A. $1\frac{3}{30}$ ℓ
- B. $\frac{27}{30}$ ℓ
- ✓ C. $\frac{13}{30}$ ℓ
- D. $\frac{7}{30}$ ℓ

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021

Last Modified: N/A
QID#: 29,185,813

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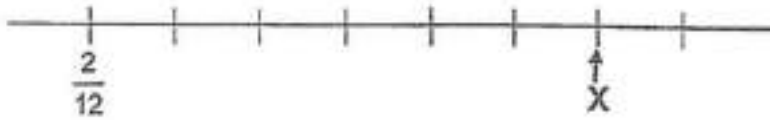
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Question 4

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the number line below, what is the value of X as indicated by the arrow?



A. $\frac{7}{12}$

✓ B. $\frac{2}{3}$

C. $\frac{3}{4}$

D. $\frac{5}{6}$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,827

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Question 5

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which one of the following expressions will give a value of $\frac{3}{8}$?

A.

$$\frac{1}{4} \times \frac{3}{4}$$

B.

$$\frac{2}{4} \times \frac{1}{4}$$

C.

$$\frac{2}{4} \times \frac{1}{2}$$

✓ D.

$$\frac{3}{4} \times \frac{1}{2}$$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,840

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Question 6

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Ding Wei packed $\frac{5}{8}$ kg of sweets equally into 10 bags. What was the mass of the sweets in each bag?

✓ A.

$$\frac{5}{80} \text{ kg}$$

B.

$$\frac{8}{50} \text{ kg}$$

C.

$$\frac{50}{8} \text{ kg}$$

D.

$$\frac{80}{5} \text{ kg}$$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,852

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Question 7

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which of the following is the same as 312cm?

- A. 0.312m
- ✓ B. 3.12m
- C. 31.2m
- D. 31 200m

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,855

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Question 8

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the value of $703.1 \div 100$

- ✓ A. 7.031
- B. 7.31
- C. 70.31
- D. 70310

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,860

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Question 9

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Express $\frac{18}{25}$ as a percentage.

- A. 18%
- B. 36%
- ✓ C. 72%
- D. 90%

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,864

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Question 10

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which of the following is likely to be the length of 1 ten-dollar Singapore note?

- A. 1.42cm
- B. 14.2cm



- C. 1.42m
- D. 14.2m

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,871

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Question 11

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The original price of a watch was \$200. The price was reduced to \$160 during a sale. What was the percentage decrease in the price of the watch?

- A. 20%
- B. 25%
- C. 40%
- D. 80%

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,875

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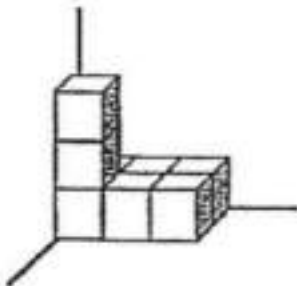
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Question 12

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

How many unit cubes are used to build the solid below?



- A. 5
- B. 6
- C. 7
- ✓ D. 8

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,879

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Question 13

Primary 6 Math » Primary 6 Math (Term 2)

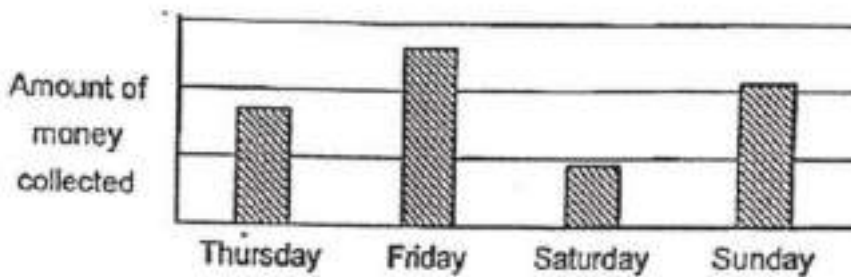
1 pt

The table below shows the amount of money collected from the sale of movie tickets from Thursday to Sunday.

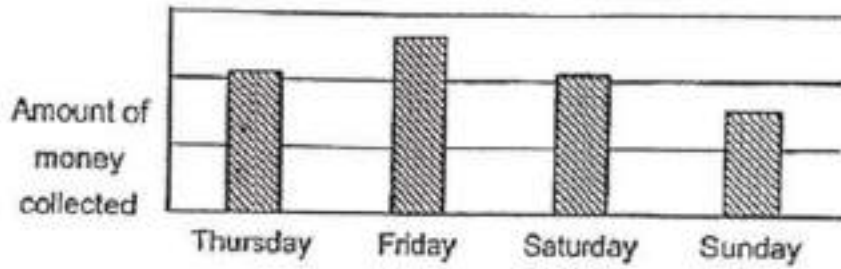
Day	Thursday	Friday	Saturday	Sunday
Amount of money collected	\$850	\$1320	\$1050	\$780

Which bar graph best represents the information in the table?

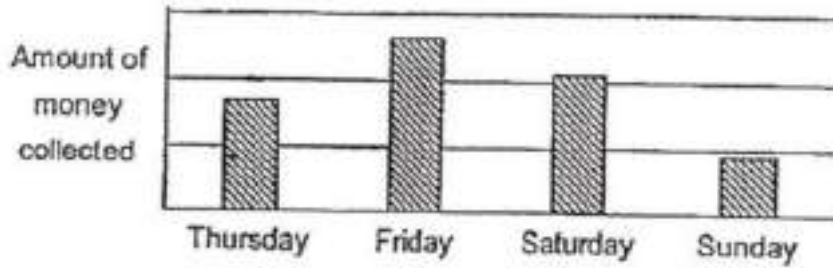
A.



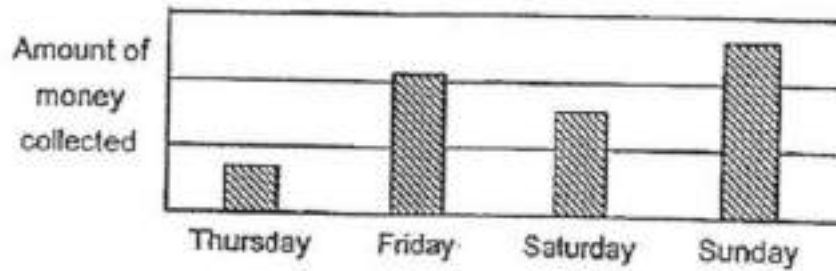
B.



✓ c.



D.



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,891

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Question 14

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Miriam had a roll of cloth. She used $\frac{3}{5}$ of it to make a dress and $\frac{1}{3}$ of it to make a skirt. She then used $\frac{1}{4}$ of the remainder to make a tie.

Which one of the following expressions correctly shows the amount of cloth she used for the tie?

✓ A.

$$\left(1 - \frac{3}{5} - \frac{1}{3}\right) \times \frac{1}{4}$$

B.

$$\left(1 - \frac{3}{5} + \frac{1}{3}\right) \times \frac{1}{4}$$

C.

$$1 - \frac{3}{5} + \frac{1}{3} - \frac{1}{4}$$

D.

$$1 - \frac{3}{5} - \frac{1}{3} - \frac{1}{4}$$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,904

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Question 15

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Look at the pattern below.

Pattern	Pattern expression	Sum
1	1	1
2	1 + 3	4
3	1 + 3 + 5	9
4	1 + 3 + 5 + 7	16
9		?

What is the sum in Pattern 9?

- A. 25
- B. 49
- C. 64
- ✓ D. 81

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,909

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Question 16

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the value of $42 + 5 \times (15 - 6) \div 3$

Accepted answers:

- ✓ 57

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,940

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Question 17

6 pizzas were shared equally among some children. Each child received $\frac{3}{7}$ of a pizza. How many children received the pizza?

Accepted answers:

✓ 14

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,946

Correctly answered feedback

$$6 \div \frac{3}{7} = 6 \times \frac{7}{3} = \frac{42}{3} = 14$$

Incorrectly answered feedback

$$6 \div \frac{3}{7} = 6 \times \frac{7}{3} = \frac{42}{3} = 14$$

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Question 18

Find the missing number
____ x 3 = 306

Accepted answers:

✓ 102

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,952

Correctly answered feedback

$$306 \div 3 = 102$$

Incorrectly answered feedback

$$306 \div 3 = 102$$

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Question 19

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the value of $5b \div 4 - 2b$ when $b=6$

Accepted answers:

✓ 22

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,963

Correctly answered feedback

$5b-2b+4=3b+4=3b+4=18+4=22$

Incorrectly answered feedback

$5b-2b+4=3b+4=3b+4=18+4=22$

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Question 20

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

There were 800 visitors in a museum. There were 40 girls. What percentage of the visitors was girls?

Accepted answers:

✓ 5%

✓ 5 %

✓ 5

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,969

Correctly answered feedback

$40/800 \times 100 = 5$

Incorrectly answered feedback

$40/800 \times 100 = 5$

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 [Reorder](#)

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Question 21

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

There were some apples in a box. 12% of the apples were rotten. There were 36 rotten apples in the box. How many apples were there in there box?

Accepted answers:

✓ 300

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,980

Correctly answered feedback

12%=36
1%=3
100%=300

Incorrectly answered feedback

12%=36
1%=3
100%=300

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Question 22

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Ju En bought 3.5 kg of rice. She gave some rice to her mother and shared the remaining rice equally with her sister. Her sister received 1100g of rice. How many kilograms of rice did she give to her mother?

Accepted answers:

✓ 1.3kg

✓ 1.3 kg

✓ 1.3

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,185,990

Correctly answered feedback

1100x2=2200
3.5-2.2=1.3

Incorrectly answered feedback

1100x2=2200
3.5-2.2=1.3

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Question 23

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In a shop, each box of cookies was sold at \$3. The mass of cookies in each box was $\frac{5}{8}$ kg. Rizal had \$18. How many kilograms of cookies could he buy with all his money?

Accepted answers:

✓ 3 3/4

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,000

Correctly answered feedback

18÷3=6
6 x 5/8= 30/8= 3 3/4

Incorrectly answered feedback

18÷3=6
6 x 5/8= 30/8= 3 3/4

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Question 24

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mrs Joseph had $\frac{4}{5}$ kg of butter. She used $\frac{1}{8}$ kg of the butter to bake a cake. What was the greatest number of such cakes she could bake?

Accepted answers:

6



Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,005

Correctly answered feedback

$$4/5 \div 1/8 = 32/5 = 6$$

Incorrectly answered feedback

$$4/5 \div 1/8 = 32/5 = 6$$

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Question 25

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The mass of an apple is w kg. The mass of a pineapple is thrice as heavy as the apple. The mass of a durian is 2kg more than the mass of the pineapple. What is the mass of the durian? Express your answer in terms of w in the simplest form.

Accepted answers:

- ✓ $3w+2\text{kg}$
- ✓ $3w+2 \text{ kg}$
- ✓ $2\text{KG}3w+$
- ✓ $3w+2$

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,019

Correctly answered feedback

$$3xw=3w$$

$$3w+2=3w+2\text{kg}$$

Incorrectly answered feedback

$$3xw=3w$$

$$3w+2=3w+2\text{kg}$$

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Question 26

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Emma had \$y. Gina had twice as much money as Emma. Faith had \$34 more than Emma. The girls had \$154 altogether. How much money did Emma have?

Accepted answers:

- ✓ \$30
- ✓ \$ 30
- ✓ 30

Question Type: Free Text

Date Added: Thu 30th Sep 2021

Last Modified: N/A

QID#: 29,186,033

Correctly answered feedback

$$yx2= 2y$$

$$y+34=7+34$$

$$154-34=120$$

$$2y+y+y=4y$$

$$120\div4=30$$

Incorrectly answered feedback

$$yx2= 2y$$

$$y+34=7+34$$

$$154-34=120$$

$$2y+y+y=4y$$

$$120\div4=30$$

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Question 27

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The sum of two numbers is 56. The bigger number is 7 times the smaller number. What is the product of the two numbers?

Accepted answers:

- ✓ 343

Question Type: Free Text

Date Added: Thu 30th Sep 2021

Last Modified: N/A

QID#: 29,186,044

Correctly answered feedback

$$7+1=8$$

$$56\div8=7$$

$$7\times7=49$$

7x1=7
49x7=343

Incorrectly answered feedback

7+1=8
56÷8=7
7x7=49
7x1=7
49x7=343

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Question 28

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Jug A contained 1800ml of juice and Jug B contained 2.5L of juice. After some juice was added to Jug B, Jug B had 3 times as much juice as Jug A. How much juice was added to Jug B in millilitres?

Accepted answers:

- ✓ 2900ml
- ✓ 2900 ml
- ✓ 2900

Question Type: Free Text

Date Added: Thu 30th Sep 2021

Last Modified: N/A

QID#: 29,186,056

Correctly answered feedback

1800x3=5400
5400-2500=2900

Incorrectly answered feedback

1800x3=5400
5400-2500=2900

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Question 29

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

How many ways are there to form a 4-digit odd number using the digits 3,4,5 and 8 without repeating the digits in each number?

Accepted answers:

- ✓ 12

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,067

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Question 30

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A florist sells four types of flowers.

Type of flower	Number of flowers sold
Rose	90
Camation	180
Sunflower	30
Tulip	?

The table above shows the number of flowers sold in January for three of the four types. In February, the florist sold the same number of tulips as in January but more of the other three types of flowers

Statement: In January, the number of sunflowers sold was 4 times the number of tulips sold

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

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,074

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Question 31

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Statement: The percentage of flowers sold that were roses remained the same from January to February

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

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Thu 30th Sep 2021
 Last Modified: N/A
 QID#: 29,186,081

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Question 32

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Statement: The percentage of flowers sold that were tulips decreased from January to February

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

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Thu 30th Sep 2021
 Last Modified: N/A
 QID#: 29,186,089

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Question 33

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Ramesh spent $1\frac{1}{2}$ h cleaning the house and $1\frac{3}{8}$ h studying. He then spent $1\frac{1}{3}$ h watching television. How much time did he spend on these three activities? Leave your answer as a mixed number.

Accepted answers:

- ✓ 4 5/24h
- ✓ 4 5/24 h
- ✓ 4 5/24

Question Type: Free Text
 Date Added: Thu 30th Sep 2021
 Last Modified: N/A
 QID#: 29,186,110

Correctly answered feedback

$$. 1\frac{1}{2} + 1\frac{3}{8} + 1\frac{1}{3} = 4\frac{5}{24}h$$

Incorrectly answered feedback

$$. 1\frac{1}{2} + 1\frac{3}{8} + 1\frac{1}{3} = 4\frac{5}{24}h$$

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Question 34

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mr Kang bought 7 bottles of oil. Each bottle contained $2\frac{1}{4}$ l of oil. How many litres of oil did he buy altogether?

Accepted answers:

✓ 15 3/4

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,121

Correctly answered feedback

$$7 \times 2\frac{1}{4} = 15\frac{3}{4}$$

Incorrectly answered feedback

$$7 \times 2\frac{1}{4} = 15\frac{3}{4}$$

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Question 35

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mr Bala had to pay 7% GST for a shirt he bought. The amount of GST he paid for the shirt was \$17.50. What was the price of the shirt before GST?

Accepted answers:

- ✓ \$250
- ✓ \$ 250
- ✓ 250

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,143

Correctly answered feedback

7% = 17.50
 100% = $17.5/7 \times 100 = 250$

Incorrectly answered feedback

7% = 17.50
 100% = $17.5/7 \times 100 = 250$

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Question 36

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The average of 7 numbers is 152. The average of the first 6 numbers is 155. What is the 7th number?

Accepted answers:

- ✓ 134

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,150

Correctly answered feedback

$152 \times 7 = 1064$
 $155 \times 6 = 930$
 $1064 - 930 = 134$

Incorrectly answered feedback

$152 \times 7 = 1064$
 $155 \times 6 = 930$
 $1064 - 930 = 134$

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Question 37

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A group of 6 boys booked a tennis court for 3 hours and took turns to play. At any time, there were 4 boys playing on the court. On average, how long did each boy play on the court? Give your answer in minutes

____ min

Accepted answers:

- ✓ 120min
- ✓ 120 min
- ✓ 120

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,161

Correctly answered feedback

6b=3h
 4b= $1/2 \times 4 = 2$
 2h=120min

Incorrectly answered feedback

6b=3h
 4b= $1/2 \times 4 = 2$
 2h=120min

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

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Question 38

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Fatimah spent 40% of her money to buy a story book. She had \$42 left.

a) What percentage of her money did she have left?

Accepted answers:

- ✓ 60%
- ✓ 60 %
- ✓ 60

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,174

Correctly answered feedback

100-40=60

Incorrectly answered feedback

100-40=60

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Question 39

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) How much money did she have at first?

Accepted answers:

- ✓ \$70
- ✓ \$ 70
- ✓ 70

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,181

Correctly answered feedback

60%=42
100%= $42/60 \times 100=70$

Incorrectly answered feedback

60%=42
100%= $42/60 \times 100=70$

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Question 40

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The table below shows the charges for renting a boat.

Day	Time	Charge
Mon to Fri	10 a.m. to 5 p.m.	\$8 per hour or part thereof
	5 p.m. to 8 p.m.	\$15 per hour or part thereof
Sat & Sun	8 a.m. to 8 p.m.	\$18 per hour or part thereof

- (a) Hyun Bin rented a boat from 4 p.m. to 6 p.m. on Saturday. How much did he have to pay?

Accepted answers:

- ✓ \$36
- ✓ \$ 36
- ✓ 36

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,189

Correctly answered feedback

18x2=36

Incorrectly answered feedback

18x2=36

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Question 41

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) On Wednesday, Ye Jin rented a boat and paid a total of \$70. Find the greatest number of hours she rented the boat.

Accepted answers:

- ✓ 7h
- ✓ 7 h
- ✓ 7

Question Type: Free Text
Date Added: Thu 30th Sep 2021

Last Modified: N/A
 QID#: 29,186,205

Correctly answered feedback

8x5=40
 70-40=30
 39÷15=2
 2+5=7
 40+30=70

Incorrectly answered feedback

8x5=40
 70-40=30
 39÷15=2
 2+5=7
 40+30=70

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Question 42

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A container measuring 40 cm long, 25 cm wide and 50 cm high was $\frac{5}{8}$ filled with water at first.

(a) What was the volume of the water in the tank at first?

Accepted answers:

- ✓ 31250cm³
- ✓ 31250 cm³
- ✓ 31250

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,281

Correctly answered feedback

$\frac{5}{8} \times 50 = 31.25$
 $31.25 \times 25 \times 40 = 31250$

Incorrectly answered feedback

$\frac{5}{8} \times 50 = 31.25$
 $31.25 \times 25 \times 40 = 31250$

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

Question 43

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) Chang Wook then removed 3.5L of water from the container. How many more litres of water were needed to fill the container to its brim?

Accepted answers:

- ✓ 22.25l
- ✓ 22.25 l
- ✓ 22.25

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,288

Correctly answered feedback

31250=31.25L
31.25-3.5=27.75
5000cm³=50L
50-27.75=22.25

Incorrectly answered feedback

31250=31.25L
31.25-3.5=27.75
5000cm³=50L
50-27.75=22.25

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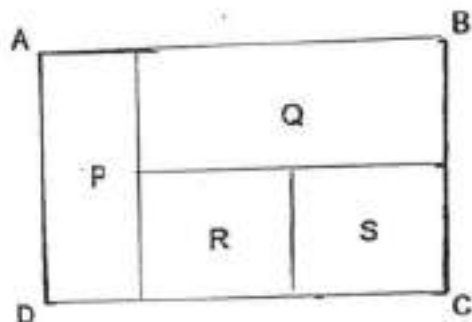
Question 44

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Rectangle ABCD is made up of four smaller rectangles P, Q, R and S.

The area of P is $\frac{1}{4}$ the area of rectangle ABCD while the area of Q is equal to the total area of R and S. The area of R is equal to the area of S. The area of R is $\frac{1}{10} \text{ m}^2$. Find the area of rectangle ABCD.



Accepted answers:

- ✓ 8/15m2
- ✓ 8/15 m2
- ✓ 8/15

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,295

Correctly answered feedback

$$\begin{aligned} 1. \frac{1}{10} \div 3 &= 1 \frac{1}{30} \\ \frac{1}{30} \times 16 &= \frac{8}{15} \\ \frac{3}{4} \rightarrow Q+R+S &= \frac{2}{10} + \frac{1}{10} + \frac{1}{10} = \frac{4}{10} = \frac{2}{5} \\ \left(\frac{1}{4}\right)P \rightarrow \frac{3}{5} \div 3 &= \frac{2}{15} \\ \left(\frac{4}{4}\right) \rightarrow \frac{2}{15} \times 4 &= \frac{8}{15} \text{ m}^2 \end{aligned}$$

Incorrectly answered feedback

$$1. \frac{1}{10} \div 3 = 1 \frac{1}{30}$$

$$\frac{1}{30} \times 16 = \frac{8}{15}$$

$$\frac{3}{4} \rightarrow Q+R+S = \frac{2}{10} + \frac{1}{10} + \frac{1}{10} = \frac{4}{10} = \frac{2}{5}$$

$$\left(\frac{1}{4}\right)P \rightarrow \frac{2}{5} \div 3 = \frac{2}{15}$$

$$\left(\frac{4}{4}\right) \rightarrow \frac{2}{15} \times 4 = \frac{8}{15} m^2$$

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Question 45

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A total of 250 students participated in a Mathematics competition. The average score of the students was 72 marks. The average score of the boys was 65 and the average score of the girls was 90. How many girls participated in the Mathematics competition?

Accepted answers:

✓ 70

Question Type: Free Text

Date Added: Thu 30th Sep 2021

Last Modified: N/A

QID#: 29,186,305

Correctly answered feedback

Assume all boys
 $75 \times 250 = 18000$
 $65 \times 250 = 16250$
 $18000 - 16250 = 1750$
 $90 - 65 = 25$
 $1750 \div 25 = 70$

Incorrectly answered feedback

Assume all boys
 $75 \times 250 = 18000$
 $65 \times 250 = 16250$
 $18000 - 16250 = 1750$
 $90 - 65 = 25$
 $1750 \div 25 = 70$

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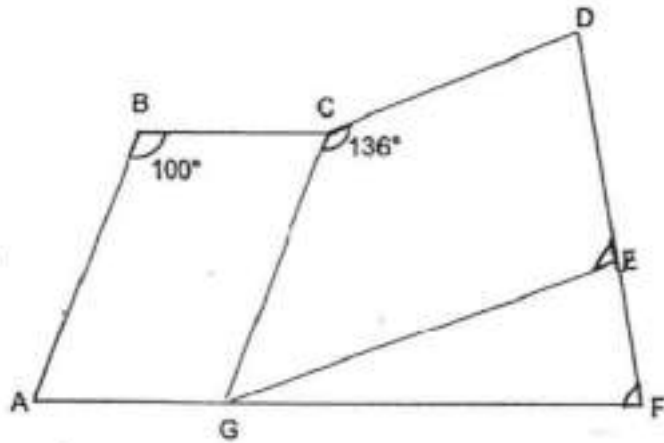
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Question 46

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the figure below, CDEG is a trapezium with CD parallel to GE. ABCG is a parallelogram. EFG is an isosceles triangle and $GE = GF$. AGF and DEF are straight lines. $\angle ABC = 100^\circ$ and $\angle DCG = 136^\circ$.



(a) Find $\angle EGF$.

Accepted answers:

✓ 36

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,364

Correctly answered feedback

$180 - 100 = 80$
 $180 - 136 = 44$
 $80 - 44 = 36$

Incorrectly answered feedback

$180 - 100 = 80$
 $180 - 136 = 44$
 $80 - 44 = 36$

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

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Question 47

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) Find CDF

Accepted answers:

✓ 72

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,367

Correctly answered feedback

$180-36=144$

$144 \div 2 = 72$

$180-72=108$

$180-108=72$

Incorrectly answered feedback

$180-36=144$

$144 \div 2 = 72$

$180-72=108$

$180-108=72$

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

[Remove From Test](#)**Question 48**

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mr Lee is 3 times as old as his daughter now. His daughter is n years old now.

a) Find the total age of Mr Lee and his daughter in 9 years' time. Express your answer in terms of n in the simplest form

Accepted answers:✓ $4n+18$

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,404

Correctly answered feedback

$3x = 3n$

$3n + n = 4n$

$9 + 9 = 18$

$4n + 18 = 4n + 18$

Incorrectly answered feedback

$3x=3n$
 $3n+n=4n$
 $9+9=18$
 $4n+18=4n+18$

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

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Question 49

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) In 9 years' time, the sum of their ages will be 94. How old will Mr Lee be in 9 years' time?

Accepted answers:

✓ 66

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,411

Correctly answered feedback

$94-18=76$
 $76\div 4=19$
 $19\times 3=57$
 $57+9=66$

Incorrectly answered feedback

$94-18=76$
 $76\div 4=19$
 $19\times 3=57$
 $57+9=66$

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

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Question 50

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Kai Ming gave 55% of his salary to his parents and $\frac{1}{3}$ of his remaining salary to his sister. He spent the rest of his salary. He spent \$2450 less than the amount of money he gave to his parents.

- (a) What fraction of Kai Ming's salary was given to his sister?
Give your answer in the simplest form.

Accepted answers:

✓ 3/200

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,424

Correctly answered feedback

100-55=45
1/3 x 45=15
100-55-515=30
55-30=25
25%=2450
100%= 2450/25 x100=9800

Incorrectly answered feedback

100-55=45
1/3 x 45=15
100-55-515=30
55-30=25
25%=2450
100%= 2450/25 x100=9800

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

[Remove From Test](#)

Question 51

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) What was Kai Ming's salary?

Accepted answers:

- ✓ \$9800
✓ \$ 9800
✓ 9800

Question Type: Free Text
Date Added: Thu 30th Sep 2021

Last Modified: N/A
QID#: 29,186,428

Correctly answered feedback

$100-55=45$

$1/3 \times 45=15$

$100-55-515=30$

$55-30=25$

$25\%=2450$

$100\%= 2450/25 \times 100=9800$

Incorrectly answered feedback

$100-55=45$

$1/3 \times 45=15$

$100-55-515=30$

$55-30=25$

$25\%=2450$

$100\%= 2450/25 \times 100=9800$

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

[Remove From Test](#)

Question 52

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Mr Azman had 300 stamps. 85% of the stamps were foreign stamps and the rest were local stamps. Ge have some foreign stamps to his son and the percentage of foreign stamps he had decreased to 80%. How many foreign stamps did he give to his son?

Accepted answers:

✓ 75

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,551

Correctly answered feedback

$$. 100-85=15$$

$$\frac{85}{100} \times 300=255$$

$$\frac{15}{100} \times 300=45$$

$$100-80=20$$

$$20\% \rightarrow 45$$

$$80\% \rightarrow \frac{45}{20} \times 80=180$$

$$255-180=75$$

Incorrectly answered feedback

$$. 100-85=15$$

$$\frac{85}{100} \times 300=255$$

$$\frac{15}{100} \times 300=45$$

$$100-80=20$$

$$20\% \rightarrow 45$$

$$80\% \rightarrow \frac{45}{20} \times 80=180$$

$$255-180=75$$

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 [↶ Used In](#) |
 [↕ Reorder](#)

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Question 53

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Marie had an equal number of white beads and black beads. After using $\frac{1}{3}$ of the white beads and $\frac{2}{5}$ of the black beads, she had 4 more white beads than black beads left. How many beads did she use altogether?

Accepted answers:

✓ 44

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,556

Correctly answered feedback

$$\begin{aligned} & \cdot \frac{2}{3} \rightarrow \frac{3}{5} \\ \frac{10}{15} & \rightarrow \frac{9}{15} + 4 \\ 1u & \rightarrow 4 \\ 6+5 & = 11 \\ 11u & \rightarrow 11 \times 4 = 44 \\ W: \frac{1}{3} \times \frac{1}{2} & = \frac{1}{6} \\ B: \frac{2}{5} \times \frac{1}{2} & = \frac{1}{5} \\ W: 1 - \frac{1}{6} & = \frac{5}{6} \\ B: 1 - \frac{1}{5} & = \frac{4}{5} \\ \frac{5}{6} - \frac{4}{5} & = \frac{1}{30} \\ \frac{1}{30} & \rightarrow 4 \\ \frac{11}{30} & \rightarrow 4 \times 11 = 44 \end{aligned}$$

Incorrectly answered feedback

$$. \frac{2}{3} \rightarrow \frac{3}{5}$$

$$\frac{10}{15} \Rightarrow \frac{9}{15} + 4$$

$$1u \rightarrow 4$$

$$6+5=11$$

$$11u \rightarrow 11 \times 4 = 44$$

$$W: \frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

$$B: \frac{2}{5} \times \frac{1}{2} = \frac{1}{5}$$

$$W: 1 - \frac{1}{6} = \frac{5}{6}$$

$$B: 1 - \frac{1}{5} = \frac{4}{5}$$

$$\frac{5}{6} - \frac{4}{5} = \frac{1}{30}$$

$$\frac{1}{30} \rightarrow 4$$

$$\frac{11}{30} \rightarrow 4 \times 11 = 44$$

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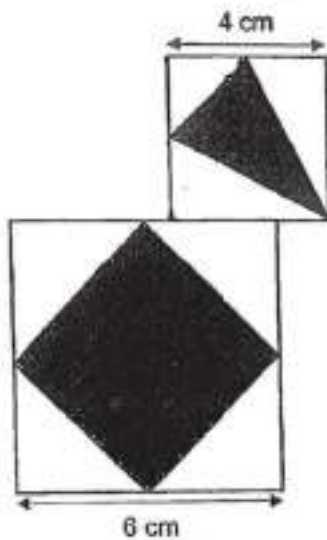
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Question 54

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The figure below is made up of 2 squares of sides 4 cm and 6 cm. The 2 corners of the triangle in the square touch the midpoint of each side of the 4-cm square. The corners of the shaded square touch the midpoint of each side of the 6-cm square.



(a) Find the total area of the unshaded parts.

Accepted answers:

- ✓ 28cm²
- ✓ 28 cm²
- ✓ 28

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,559

Correctly answered feedback

$$6 \div 2 = 3$$

$$A \rightarrow \frac{1}{2} \times 2 \times 2 = 2$$

$$B \rightarrow \frac{1}{2} \times 2 \times 4 = 4$$

$$\frac{1}{2} \times 3 \times 3 = 4.5$$

$$4.5 \times 4 = 18$$

$$18 + 2 + 4 + 4 = 28$$

Incorrectly answered feedback

$$6 \div 2 = 3$$

$$A \rightarrow \frac{1}{2} \times 2 \times 2 = 2$$

$$B \rightarrow \frac{1}{2} \times 2 \times 4 = 4$$

$$\frac{1}{2} \times 3 \times 3 = 4.5$$

$$4.5 \times 4 = 18$$

$$18 + 2 + 4 + 4 = 28$$

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 [Used In](#) |
 [Reorder](#)

[Remove From Test](#)

Question 55

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) What fraction of the figure is shaded?

Accepted answers:

- ✓ 6/13
- ✓ 6/ 13
- ✓ 6 /13
- ✓ 6 / 13

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,569

Correctly answered feedback

$6 \times 6 = 36$
 $4 \times 4 = 16$
 $36 + 16 = 52$
 $52 - 28 = 24$
 $24/62 = 6/13$

Incorrectly answered feedback

$6 \times 6 = 36$
 $4 \times 4 = 16$
 $36 + 16 = 52$
 $52 - 28 = 24$
 $24/62 = 6/13$

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Question 56

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The table below shows the number of each type of bun sold by a bakery.

Type of bun	Number of buns sold
Butter	84
Kaya	?
Cream	108
Ham	?

The ratio of the number of ham buns sold to the number of butter buns sold was 12 : 7. The ratio of the number of ham buns sold to the number of kaya buns sold was 18 : 7.

(a) How many ham buns were sold?

Accepted answers:

✓ 144

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,593

Correctly answered feedback

$84 \div 7 = 12$
 $12 \times 12 = 144$

Incorrectly answered feedback

$84 \div 7 = 12$
 $12 \times 12 = 144$

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[Remove From Test](#)

Question 57

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

b) How many more butter buns than kaya buns were sold?

Accepted answers:

✓ 28

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,597

Correctly answered feedback

$144 \div 18 = 8$
 $8 \times 7 = 56$
 $84 - 56 = 28$

Incorrectly answered feedback

$144 \div 18 = 8$
 $8 \times 7 = 56$
 $84 - 56 = 28$

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Question 58

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

c) All the cream cups were sold in boxes. A total of 14 large and small boxes were sold. Each large box contained 12 cream buns while each small box contained 6 cream buns. What was the ratio of the number of large boxes to the number of small boxes sold?

Accepted answers:

✓ 2:5

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#: 29,186,603

Correctly answered feedback

$14 \times 12 = 168$
 $168 - 108 = 60$

12-6=6
60÷6=10
14-10=4
4:10=2:5

Incorrectly answered feedback

14x12=168
168-108=60
12-6=6
60÷6=10
14-10=4
4:10=2:5

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