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Primary 6 Maths (Term 1) - St Nicholas

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Test Introduction

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54 Questions   (93 Points)   **Question Bank:** 12,655 Questions

Test Questions	0 Test Assignments

Question 1   *Primary 6 Math* » Primary 6 Math (Term 1)   1 pt

Mohan bought a can of green tea from the vending machine. The can is likely to contain ___ ml of green tea.

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

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,461*

↗ Answers | ✏ Edit | 📋 Duplicate | ✈ Used In | ⇵ Reorder   Remove From Test

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

Ms Goh prepared a jug of honey lemon drink using honey, lemon juice and water in the ratio 3:1:8. The amount of water she used was 360ml. How much honey did she use?

A. 45ml

B. 90ml

✔ C. 135ml

D. 180ml

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,458

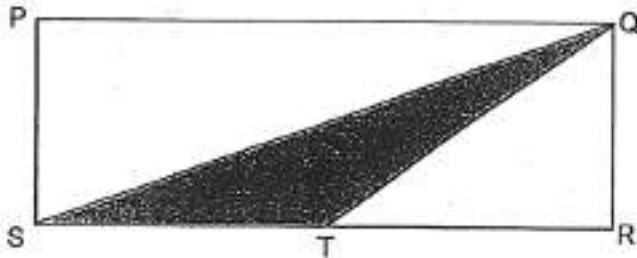↗ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⬍ Reorder   Remove From Test

Question 3

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

The figure below shows a rectangle PQRS and a shaded triangle QTS with ST = TR.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

The area of the shaded part is $\frac{1}{4}$ of the area of the rectangle PQRS.

✔ A. TRUE

B. FALSE

C. Not possible to tell

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,459

⤢ Answers | ✏ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 4

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

b) The height of triangle QRT is not the same as the height of triangle QTS

   A.   TRUE

✔ **B.**   FALSE

   C.   Not possible to tell

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,460*

⤢ Answers | ✏ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
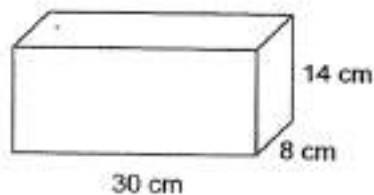
Question 5

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

How many 1-cm cubes can fill up the rectangular box shown below completely?

14 cm
8 cm
30 cm

   A.   240

   B.   420

✔ **C.**   3360

   D.   3520

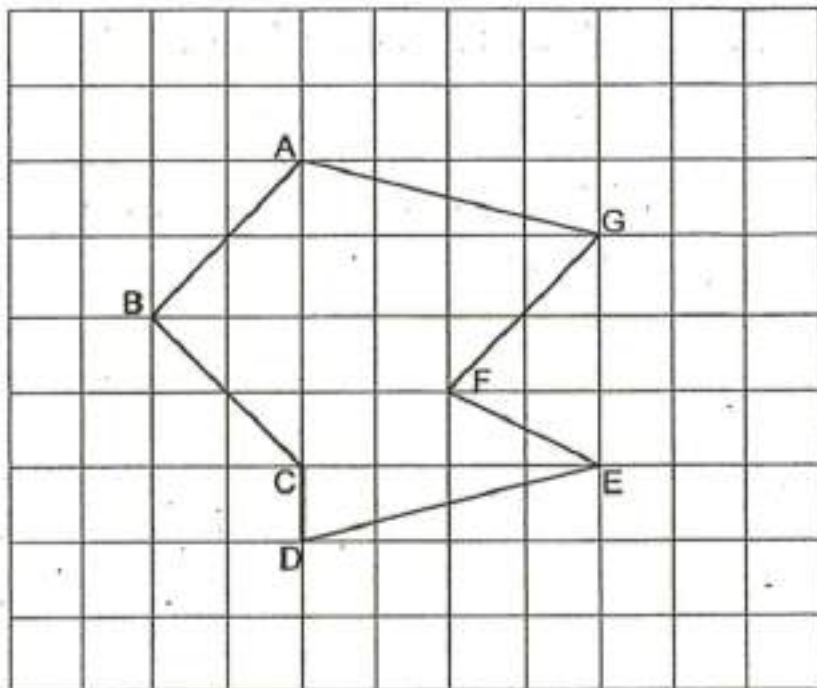|	
Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,462*

Question 6

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

In the square grid below, which 2 lines are parallel to each other?

A. AB and BC

✔ **B.** AB and GF

C. AG and BC

D. AG and FE

Question Type: *Multiple Choice*
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,463

Question 7

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

Jacob bought a total of 40 red and blue pens. 30% of the pens were red. How many red pens did he
buy?

A. 10

✓ **B.**   12

C.   16

D.   28

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,464

⤢ Answers | ✏ Edit | ⊕ Duplicate | ➤ Used In | ⬍ Reorder   Remove From Test

Question 8

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

The mass of 1 pack of rice is p kg. A bottle of cooking oil is 2kg heavier than the pack of rice. Wha is the total mass of 4 such packs of rice and 1 bottle of cooking oil?

A.   (2p+2)kg

B.   (4p+2)kg

✓ **C.**   (5p+2)kg

D.   (8p+2)kg

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,465

⤢ Answers | ✏ Edit | ⊕ Duplicate | ➤ Used In | ⬍ Reorder   Remove From Test

Question 9

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

The table below shows Lawrence's savings in October and November. He wants his average savings for the 3 months to be $57. How much must he save in December?

Month	October	November	December
Savings	$63	$27	?

A. $19

B. $33

C. $49

✓ **D.** $81

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#:   *28,775,466*

↗ Answers | ✎ Edit | ⊕ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

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Question 10   *Primary 6 Math »* Primary 6 Math (Term 1)   1 pt

A piece of cardboard is cut into a square, a triangle and a rectangle. The area of the square is $\frac{3}{4}$ of the area of the triangle. The area of the rectangle is $\frac{2}{9}$ of the area of the square. What is the ratio of the area of the square to the area of the triangle to the area of the rectangle?

A. 3:04:02

B. 3:07:02

C. 9:04:02

✓ **D.** 9:12:02

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#:   *28,775,467*

↗ Answers | ✎ Edit | ⊕ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
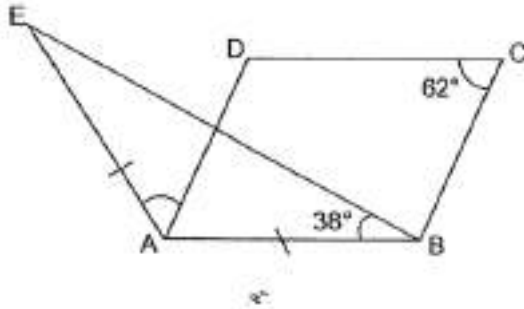

Question 11   *Primary 6 Math »* Primary 6 Math (Term 1)   1 pt

The figure below shows a parallelogram ABCD and an isosceles triangle ABE. Find ∠DAE.

✓ **A.** 42

B. 52

C. 80

D. 104

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,468*

⤢ Answers | ✏ Edit | ⎘ Duplicate | ✈ Used In | ⇳ Reorder   Remove From Test

Question 12

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

Ruth and Paul each received the same number of stickers. Ruth gave $\frac{5}{6}$ of her stickers away. Paul lost $\frac{3}{4}$ of his stickers. In the end, the children had 60 stickers altogether. How many stickers did Ruth give away?

A. 50

B. 108

✓ **C.** 120

D. 150

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#:   *28,775,469*

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 13   *Primary 6 Math »* Primary 6 Math (Term 1)   2 pts

Riya planned to buy a pair of headphones worth $186. She started saving $3 on a Wednesday. She saved the same amount every day. What would be the earliest day of the week for Riya to save the exact amount of money to buy the headphones?

A. Monday

✓ B. Tuesday

C. Wednesday

D. Thursday

E. Friday

F. Saturday

G. Sunday

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#:   *28,775,470*

> **Correctly answered feedback**
>
> $186÷$3=62
> 62÷7=8r6

> **Incorrectly answered feedback**
>
> $186÷$3=62
> 62÷7=8r6

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 14   *Primary 6 Math »* Primary 6 Math (Term 1)   1 pt

In 5 306 149, the digit is in the ___ place.

A. thousands

B. ten thousands

✔ **C.** hundreds thousands

D. millions

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,471*

⤢ Answers | ✎ Edit | ⊕ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 15

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

Find the value of 400x720

A. 288

B. 2880

C. 28 800

✔ **D.** 288 000

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,472*

⤢ Answers | ✎ Edit | ⊕ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 16

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

Simplify 8+6w-1+7w

✔ **A.** 7+13w

B. 9-w

C. 9-13w

D. 13+7w

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,473*

Question 17

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

May divided 15 kg of cashew nuts equally into some containers. Each container had

$\frac{3}{5}$ kg of cashew nuts. How many containers did she use?

A. 9

✔ B. 25

C. 3

D. 45

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,474

Question 18

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

___ ÷ 100 = 90.9

A. 0.909

B. 9.09

C. 909

✔ D. 9090

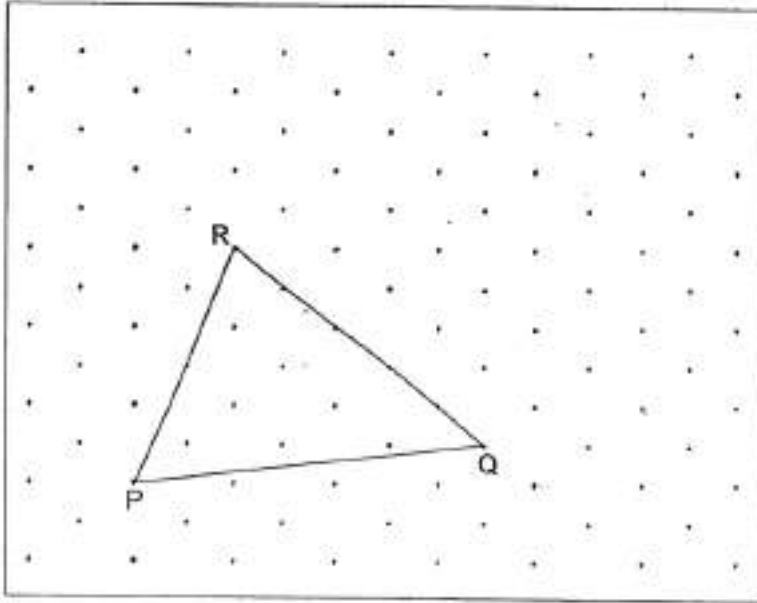| Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,475

Question 19

Primary 6 Math » Primary 6 Math (Term 1)   0 pts
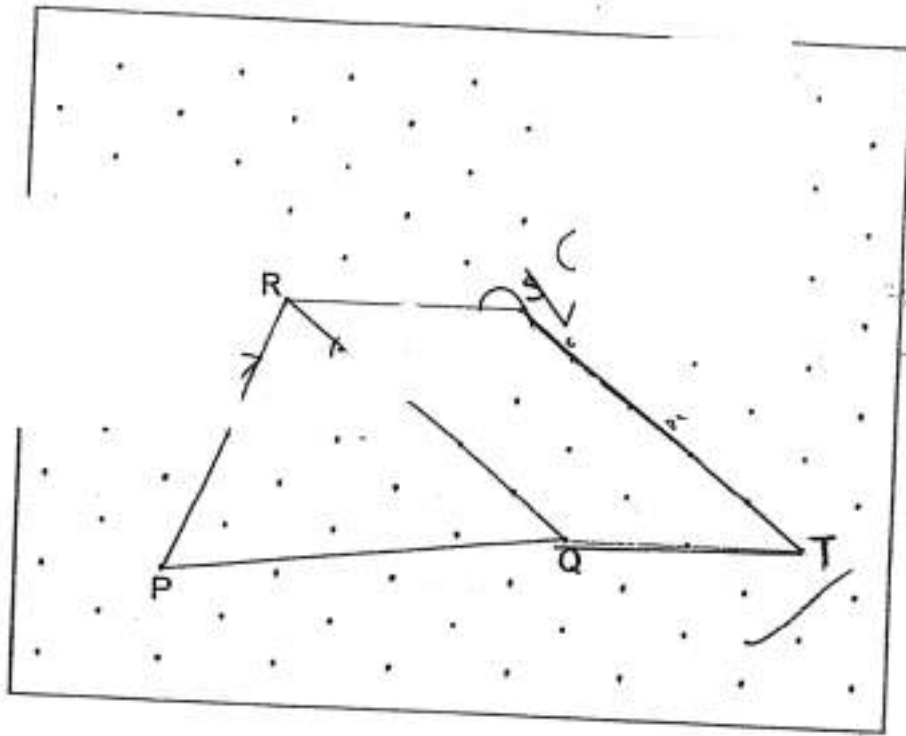
The figure below shows a triangle PQR.

QR and ST form two sides of a parallelogram QRST. Complete the
drawing of the parallelogram where both S and T are dots inside the box.
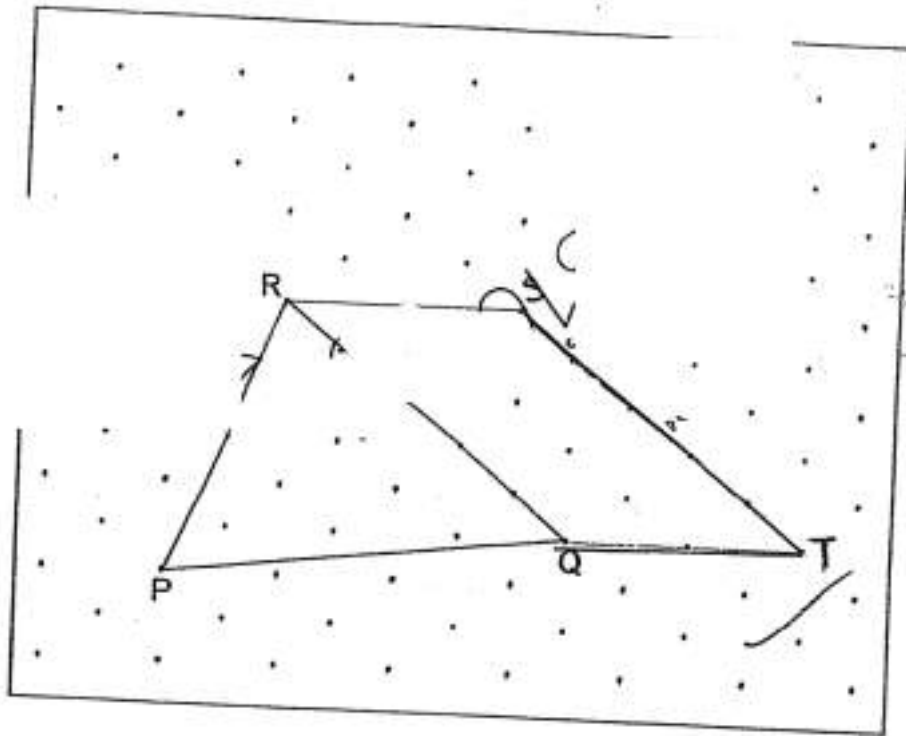Label the parallelogram QRST.

Please type "done" to proceed to the next question

Question Type: *Essay*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#:   *28,775,479*

Correctly answered feedback

Incorrectly answered feedback

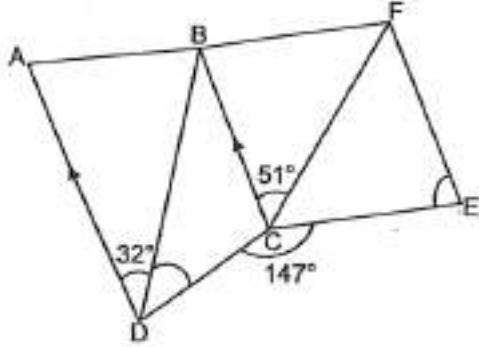Answers | Edit | Duplicate | Used In | Reorder   Remove From Test

Question 20

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

In the figure, ABCD is a trapezium and AD is parallel to BC. BCEF is a rhombus.
∠ADB = 32°, ∠DCE = 147° and ∠BCF = 51°.

(a)   Name a triangle which is the same as triangle CBF.

Accepted answers:

✔ Triangle FEC

✔ FEC

✔ few

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,481

⤢ Answers   ✏ Edit   ⎘ Duplicate   ➤ Used In   ↕ Reorder   Remove From Test

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Question 21   *Primary 6 Math »* Primary 6 Math (Term 1)   3 pts

b) Find Angle FEC

Accepted answers:

✔ 78

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,485

Correctly answered feedback

51x2=102
180-102=78

Incorrectly answered feedback

51x2=102
180-102=78

⤢ Answers | ✎ Edit | ⎘ Duplicate | ➤ Used In | ⇅ Reorder   Remove From Test

Question 22

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

c) Find BDC

Accepted answers:

✔ 37

Question Type:	Free Text
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,487

Correctly answered feedback

360-147-102=111
180-111=69
69-32=37

Incorrectly answered feedback

360-147-102=111
180-111=69
69-32=37

⤢ Answers | ✎ Edit | ⎘ Duplicate | ➤ Used In | ⇅ Reorder   Remove From Test

Question 23

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

Mr Lim spent $\frac{1}{4}$ of his money on a watch and $\frac{1}{5}$ of his money on a bag. What

percentage of his money did he spend altogether?

Accepted answers:

✔ 45%

✔ 45

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,482

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 24

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

Mei Fond has a box of marbles. The marbles can be out into bags of 3 or 8 with no leftover. When the marbles are put equally into 9 bags, there are 3 marbles left. What is the smallest possible number of marbles in the box?

Accepted answers:

✔ 48

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,483

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 25

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

Zhen Yi paid $2365 for a refrigerator and $289 for a printer. How much did she pay altogether? Express your answer to the nearest thousand dollars.

Accepted answers:

✔ $3,000

✔ 3000

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,484

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 26

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

The table below shows the parking charges at a car park.

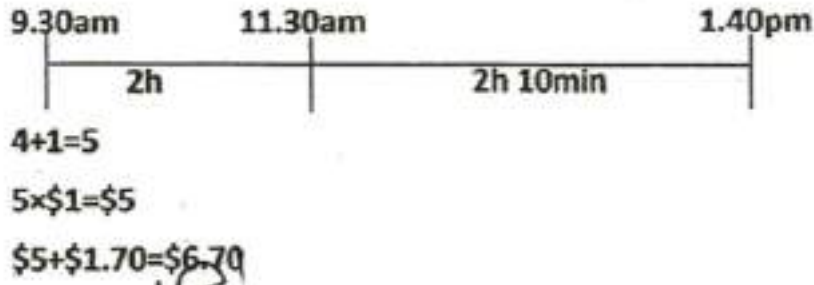| Parking Charges	
The first 2 hours	$1.70
Every additional $\frac{1}{2}$ hour or part thereof	$1.00

Mr Said parked his car from 9.30 a.m. to 1.40 p.m.. How much did he pay?
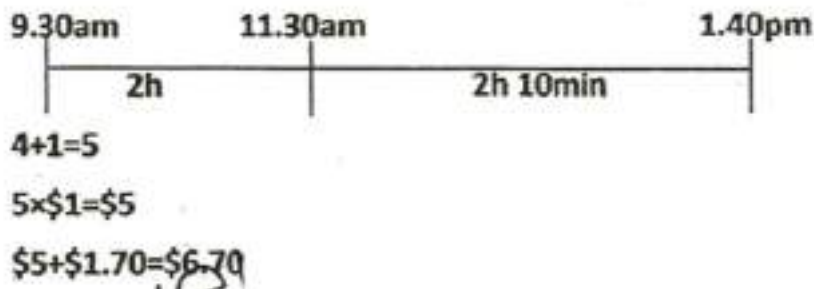
Accepted answers:

✔ $6.70

✔ 6.7

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,486

Correctly answered feedback

9.30am   11.30am   1.40pm

2h   2h 10min

4+1=5

5×$1=$5

$5+$1.70=$6.70

Incorrectly answered feedback

9.30am   11.30am   1.40pm

2h   2h 10min

4+1=5

5×$1=$5

$5+$1.70=$6.70

✒ Answers | ✏ Edit | 🗐 Duplicate | ⭧ Used In | ⭥ Reorder   Remove From Test

Question 27

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

Mr Chan had an equal number of rulers and pens. After selling 119 rulers and 254 pens, the ratio of the number of rulers to the number of pens became 6:1. What was the number of pens left?

Accepted answers:

✔ 27

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,488

Correctly answered feedback

254-119=135

5 units=135

1 unit=135÷5=27

Incorrectly answered feedback

254-119=135

5 units=135

1 unit=135÷5=27

⤢ Answers | ✏ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 28

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

Ada baked some pies. She gave some pies to her neighbour and kept $\frac{2}{5}$ of the remaining pies for her family. She had $\frac{1}{4}$ of the pies left. What fraction of the pies did she give her neighbour?

Accepted answers:

✔ 7-Dec

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

Last Modified: N/A
QID#: 28,775,489

Correctly answered feedback

$\frac{3}{5}$ of remainder=$\frac{1}{4}$ of total

$\frac{3}{5}$ of remainder=$\frac{3}{12}$ of total

fraction given to neighbor=$\frac{7}{12}$

Incorrectly answered feedback

$\frac{3}{5}$ of remainder=$\frac{1}{4}$ of total

$\frac{3}{5}$ of remainder=$\frac{3}{12}$ of total

fraction given to neighbor=$\frac{7}{12}$

↗ Answers | ✏ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
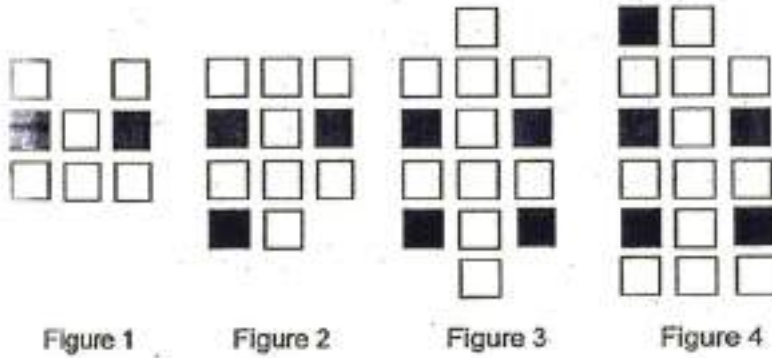
Question 29

Primary 6 Math » Primary 6 Math (Term 1)   0 pts

Kai used black and white squares to form figures that follow a pattern as shown below.

Figure 1   Figure 2   Figure 3   Figure 4

(a) Complete the table for Figure 5.

Figure Number	1	2	3	4	5
- Number of white tiles	6	8	10	12	
Number of black tiles	2	3	4	5	
Total number of titles	8	11	14	17	

Question Type: Essay
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,478

Correctly answered feedback

Figure Number	1	2	3	4	5
Number of white tiles	6	8	10	12	14
Number of black tiles	2	3	4	5	6
Total number of tiles	8	11	14	17	20

Incorrectly answered feedback

Figure Number	1	2	3	4	5
Number of white tiles	6	8	10	12	14
Number of black tiles	2	3	4	5	6
Total number of tiles	8	11	14	17	20

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

Question 30

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

b) How many white tiles are there in Figure 15?

Accepted answers:

✔ 34

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,490*

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 31

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

c) Which figure is made up of 155 tiles?

Accepted answers:

✔ Figure 50

✔ 50

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,492*

Correctly answered feedback

$$(Fig.\ no \times 3) + 5 = 155$$
$$Fig.\ no.\ X\ 3 = 150$$
$$Fig.\ no. = 50$$

Incorrectly answered feedback

$$(Fig.\ no \times 3) + 5 = 155$$
$$Fig.\ no.\ X\ 3 = 150$$
$$Fig.\ no. = 50$$

Question 32

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

A tank with a square base of side 30 cm was filled with some water. When 8.2 *l* of water was poured into the tank, the height of water became 16 cm. What was the volume of water in the tank at first?

Accepted answers:

✓ 6.2l

✓ 6.2 l

✓ 6.2

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,491

Correctly answered feedback

8.2l = 8200cm3
8200÷30÷30=82/9
16=82/9=62/9
Vol of water at first = 62/9 x 30 x30 = 6200

Incorrectly answered feedback

8.2l = 8200cm3
8200÷30÷30=82/9
16=82/9=62/9
Vol of water at first = 62/9 x 30 x30 = 6200

Question 33

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

Mrs Wong spent $45 on some packets of wet wipes. How many packets of wet wipes did she get in all?

Wet Wipes on SALE!

4 packets for $3

Buy 12 packets and get 3 packets free

Accepted answers:

✔ 75

Question Type:	Free Text
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,493

Correctly answered feedback

12÷4=3

3×$3=$9

$45÷$9=5

12+3=15

5×15=75

Incorrectly answered feedback

12÷4=3

3×$3=$9

$45÷$9=5

12+3=15

5×15=75

✎ Answers | ✏ Edit | ⧉ Duplicate | ✈ Used In | ⇕ Reorder   Remove From Test

Question 34   *Primary 6 Math* » Primary 6 Math (Term 1)   3 pts

Wendy spent $\frac{1}{10}$ of her money on 8 cookies and 3 muffins. The cost of 1 muffin was twice the cost of 1 cookie. She bought some more cookies with $\frac{1}{6}$ of her remaining money. How many cookies did she buy altogether?

Accepted answers:

✓ 29 cookies

✓ 29

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,494

Correctly answered feedback

$$\frac{1}{16} = \frac{4}{40}$$
$$\frac{1}{6} = \frac{6}{36}$$

                              4u= 8 cookies + 3 muffins
4u= 8 cookies + 6 cookies
4u = 14 cookies
1u = 3.5 cookies
6u=3.5x6=21 cookies
Total no of cookies= 21+8=29

Incorrectly answered feedback

$$\frac{1}{16} = \frac{4}{40}$$
$$\frac{1}{6} = \frac{6}{36}$$

                              4u= 8 cookies + 3 muffins
4u= 8 cookies + 6 cookies
4u = 14 cookies
1u = 3.5 cookies
6u=3.5x6=21 cookies
Total no of cookies= 21+8=29

⤢ Answers | ✎ Edit | ⊕ Duplicate | ➤ Used In | ⇅ Reorder   Remove From Test

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Question 35   *Primary 6 Math »* Primary 6 Math (Term 1)   2 pts

Lana and Shanti each used up a roll of ribbon of the same length to decorate the noticeboard. Lana cut her roll of ribbon into equal pieces of $\frac{2}{5}$ m each.

Shanti cut her roll of ribbon into 32 pieces of $\frac{3}{4}$ m each. How many more pieces of ribbon did Lana have than Shanti?

Accepted answers:

✔ 28

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,495

Correctly answered feedback

$32 \times \frac{3}{4} = 24$

$24 \div \frac{2}{5} = 60$

$60 - 32 = 28$

Incorrectly answered feedback

$32 \times \frac{3}{4} = 24$

$24 \div \frac{2}{5} = 60$

$60 - 32 = 28$

↗ Answers | ✏ Edit | ⊞ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 36

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

Find the value of $19 + \dfrac{5b}{2}$ when $b = 4$.

Accepted answers:

29

✓

Question Type:	Free Text
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,496

⤢ Answers | ✏ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 37

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

Find the value of $\dfrac{7}{12} \div \dfrac{1}{6}$.

Express your answer as a mixed number in the simplest form.

Accepted answers:

✓ 3 1/2

✓ 3 1/ 2

✓ 3 1 /2

✓ 3 1 / 2

Question Type:	Free Text
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,497

⤢ Answers | ✏ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 38

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

Find the value of 1÷6
Correct your answer to 2 decimal places

Accepted answers:

✓ 0.17

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

Last Modified: N/A
QID#:   28,775,498

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 39

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

A box contains 42 lollipops and 59 cookies. What fraction of the lollipops are cookies?

Accepted answers:

✔ 59/42

✔ 59/ 42

✔ 59 /42

✔ 59 / 42

Question Type: Free Text
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QID#:   28,775,499

⤢ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 40

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

There were 940 visitors at the Science Centre. 423 were adults and the rest were children. The number of girls was $\frac{5}{11}$ of the number of children. What percentage of the visitors were boys?

Accepted answers:

✔ 30%

✔ 30

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,500

Correctly answered feedback

$940 - 423 = 517$

$517 \div 11 = 47$

$47 \times 6 = 282$

$\dfrac{282}{940} \times 100\% = 30\%$

Incorrectly answered feedback

$940 - 423 = 517$

$517 \div 11 = 47$

$47 \times 6 = 282$

$\dfrac{282}{940} \times 100\% = 30\%$

⤢ Answers | ✏ Edit | ⎘ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 41

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

Gopal had 3 types of fruits. The ratio of the total number of oranges and apples to the number of pears was 10 : 9. After selling $\dfrac{1}{3}$ of the pears, the ratio of the number of pears to the number of oranges became 2 : 1.

(a) Find the ratio of the number of oranges to the number of apples to the number of pears in the end.

Accepted answers:

✔ 3:07:06

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,501

Correctly answered feedback

oranges + apples   :   pears

        10   :   9

        10   :   6

Pears   :   oranges

    2   :   1

    6   :   3

                10-3=7

The ratio is 3 : 7 : 6

Incorrectly answered feedback

oranges + apples   :   pears

        10   :   9

        10   :   6

Pears   :   oranges

    2   :   1

    6   :   3

                10-3=7

The ratio is 3 : 7 : 6

⤢ Answers | ✏ Edit | 🗐 Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 42

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

b) Gopal had a total of 368 fruits left. How many pears did he sell?

Accepted answers:

✔ 69

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,503

Correctly answered feedback

$3 + 7 + 6 = 16$

$16u = 368$

$1u = 23$

No. of pears sold $\quad = 3u$

$\qquad\qquad\qquad = 3 \times 23 = 69$

Incorrectly answered feedback

$3 + 7 + 6 = 16$

$16u = 368$

$1u = 23$

No. of pears sold $\quad = 3u$

$\qquad\qquad\qquad = 3 \times 23 = 69$

↗ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 43

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

Mrs Krishna bought a sofa which included a 7% GST. The cost of the sofa before GST was $1500.
How much did Mr Krishna pay for the sofa?

Accepted answers:

✔ $1,605

✔ 1605

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,502

↗ Answers | ✎ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
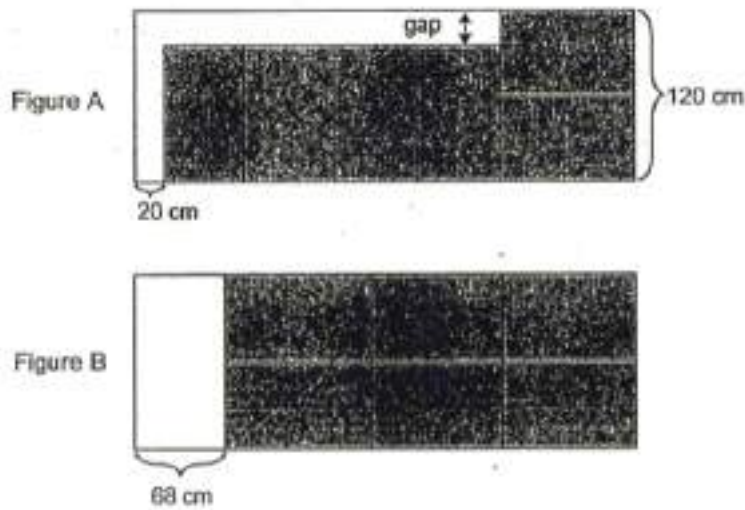
Question 44

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

Six identical rectangular tiles can be arranged on a floor 120 cm wide.
Two arrangements are shown below. The first arrangement in Figure A leaves
a gap of 20 cm at the side and another gap at the top. The second arrangement
in Figure B leaves a gap of 68 cm at the side. Find the length of each tile.

Accepted answers:

✔ 96cm

✔ 96 cm

Question Type: *Free Text*
Date Added: *Fri 20th Aug 2021*
Last Modified: *N/A*
QID#:   *28,775,504*

Correctly answered feedback

$120 \div 2 = 60$

Let the length of each tile be x,

$20 + 60 + 60 + 60 + 60 + x = 68 + 3x$

x+260=3x+68

2x=192

x=96

Incorrectly answered feedback

$120 \div 2 = 60$

Let the length of each tile be x,

$20 + 60 + 60 + 60 + 60 + x = 68 + 3x$

$x + 260 = 3x + 68$

$2x = 192$

$x = 96$

↗ Answers | ✎ Edit | 🗇 Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 45   *Primary 6 Math* » Primary 6 Math (Term 1)   2 pts

Marie paid for a haircut with a $50 note. The cashier did not have enough $2 notes as small change.
Marie gave the cashier another $1 and received a change of one $5 note. What was the cost of the
haircut?

Accepted answers:

✔ $46

✔ 46

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,505

↗ Answers | ✎ Edit | 🗇 Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 46   *Primary 6 Math* » Primary 6 Math (Term 1)   2 pts

Rope A is y m long. Rope B is twice as long as Rope A. Rope C is 7m longer than Rope B. What is the
total length of the 3 ropes. Give your answer in terms of y.

Accepted answers:

✔ (5y+7)

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,506

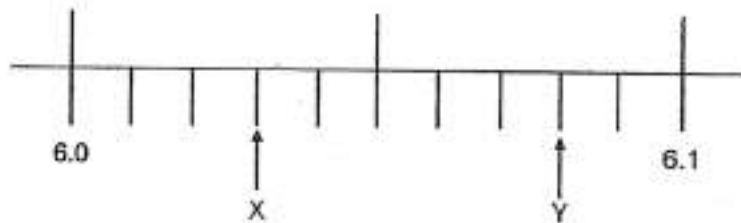↗ Answers | ✎ Edit | 🗇 Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 47

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

X and Y are 2 points on the number line shown below. Find the sum of X and Y.

Accepted answers:

✔ 12.11

Question Type:	Free Text
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,507

⤢ Answers | ✏ Edit | ⎘ Duplicate | ➤ Used In | ⇳ Reorder   Remove From Test

Question 48

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

2 highlighters and 3 files cost $7.95. Each file costs $0.40 more than each highlighter. What is the cost of 1 highlighter?

Accepted answers:

✔ $1.35

✔ 1.35

Question Type:	Free Text
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,508

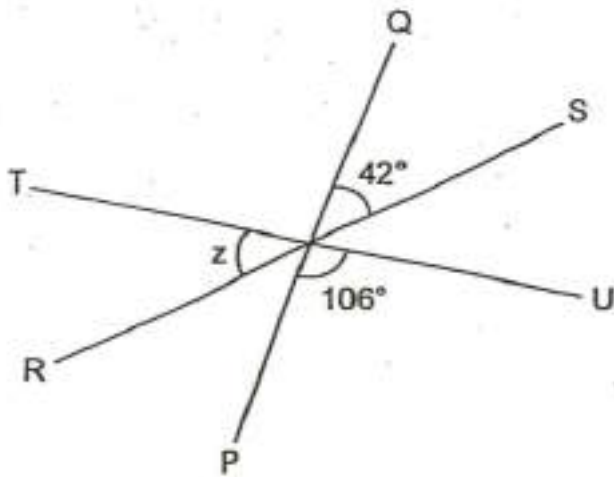⤢ Answers | ✏ Edit | ⎘ Duplicate | ➤ Used In | ⇳ Reorder   Remove From Test

Question 49

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

In the figure below, PQ, RS and TU are straight lines.   Find ∠z.

Accepted answers:

✔ 32

Question Type:	Free Text
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,509

↗ Answers | ✏ Edit | 🗐 Duplicate | ➤ Used In | ↕ Reorder   Remove From Test

Question 50

Primary 6 Math » Primary 6 Math (Term 1)   0 pts

Mrs Seow had e kg of flour. She used 4kg of flour to bake some biscuits. She repacked the remaining flour equally into 4 containers

a) Find the mass of the flour in each container in terms of e

---

Question Type:	Essay
Date Added:	Fri 20th Aug 2021
Last Modified:	N/A
QID#:	28,775,480

Correctly answered feedback

$\left(\frac{e-4}{4}\right)$kg

Incorrectly answered feedback

$\left(\frac{e-4}{4}\right)$kg

↗ Answers | ✎ Edit | ⧉ Duplicate | ↗ Used In | ⇕ Reorder   Remove From Test

Question 51

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

b) Given that e=18, find the mass of the flour in each container.

Accepted answers:

✔ 3500g

✔ 3500 g

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,510

> ***Correctly answered feedback***
>
> 18kg - 4kg = 14kg
>
> 14kg = 1400g
>
> 1400g ÷ 4 = 3500g

> ***Incorrectly answered feedback***
>
> 18kg - 4kg = 14kg
>
> 14kg = 1400g
>
> 1400g ÷ 4 = 3500g

↗ Answers | ✎ Edit | ⧉ Duplicate | ↗ Used In | ⇕ Reorder   Remove From Test

Question 52

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

Susan had some buns. $\frac{1}{3}$ of the buns were kaya and the rest were butter. She gave the butter buns equally to her 4 nieces. What fraction of the buns did each of her nieces receive?

Accepted answers:

✓ 1-Jun

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,511*

⤢ Answers | ✎ Edit | ⅌ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 53

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

$\frac{7}{10}$ of Usha's stamps is equal to $\frac{2}{5}$ of Ming's stamps. What is the ratio of the number of Usha's stamps to the number of Ming's stamps? Express your answer in the simplest form.

Accepted answers:

✓ 4:07

Question Type:	*Free Text*
Date Added:	*Fri 20th Aug 2021*
Last Modified:	*N/A*
QID#:	*28,775,512*

⤢ Answers | ✎ Edit | ⅌ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

Question 54

Primary 6 Math » Primary 6 Math (Term 1)   3 pts

The figure below is made up of 2 overlapping shapes, Rectangle X and Triangle Y. The ratio of the area of Rectangle X to the shaded area to the area of Triangle Y is 5 : 1 : 3. The area of the whole figure is 126 cm².
Find the area of Triangle Y.

Accepted answers:

✔ 54cm2

✔ 54 cm2

✔ 54

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#:   28,775,513

Correctly answered feedback

$4 + 3 = 7$

$126cm^2 \div 7 = 18cm^2$

$18cm^2 \times 3 = 54cm^2$

Incorrectly answered feedback

$4 + 3 = 7$

$126cm^2 \div 7 = 18cm^2$

$18cm^2 \times 3 = 54cm^2$

↗ Answers | ✎ Edit | ⏁ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test

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