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Primary 5 Maths (Term 4) - SCGS

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Test Introduction

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50 Questions (94 Points)

Question Bank: 9,275 Questions

Test Questions 1 Test Assignment

Question 1

Primary 5 Maths » Primary 5 Maths (Term 4) 1 pt

Booklet A (20 marks)

In the numeral 6 807 251, which digit is in the ten thousand place?

- ☒ A) 0
- ☐ B) 6
- ☐ C) 7
- ☐ D) 8

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,595

Answers Edit Duplicate Used In Reorder Remove From Test

Question 2

Primary 5 Maths » Primary 5 Maths (Term 4) 1 pt

What is the missing number in ____:12=35:20?

- ☐ A) 7
- ☒ B) 21
- ☐ C) 58
- ☐ D) 4

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,586

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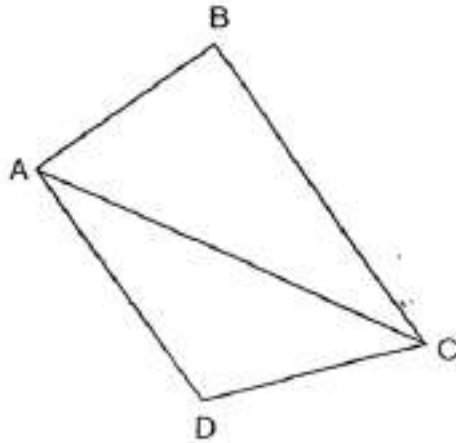
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Question 3

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

In the figure below, which two lines are parallel to each other?



- A) AB and AD
- B) AB and DC
- ✓ C) BC and AD
- D) BC and CD

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,587

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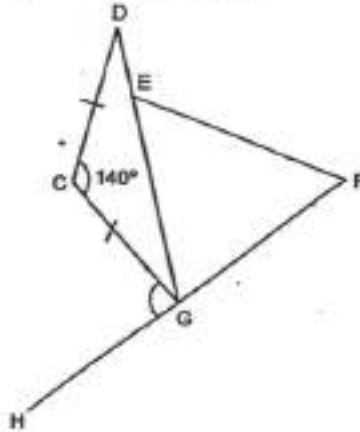
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Question 4

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

The figure below is not drawn to scale. Given that GEF is an equilateral triangle, $GC = CD$, $\angle DCG = 140^\circ$ and HGF is a straight line, find $\angle CGH$.



- A) 20
- B) 60
- C) 80
- ✓ D) 100

Question Type: Multiple Choice
 Randomize Answers: No
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,588

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Question 5

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Mei Ling had 5 kg of flour. She used $\frac{1}{2}$ of it to make a butter cake and $\frac{1}{4}$ kg to make cookies. How much flour had Mei Ling left?

- A) $1\frac{1}{4}$ kg
- B) $1\frac{7}{8}$ kg
- ✓ C) $2\frac{1}{4}$ kg
- D)

$4\frac{1}{4}$ kg

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,589

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Question 6

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Jalene swam the length of a pool four times and her timings were 72 secs, 90 secs, 92 secs and 80 secs. What was the average of her fastest and slowest timing?

- A) 81s
- ✓ B) 82s
- C) 85s
- D) 86s

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,590

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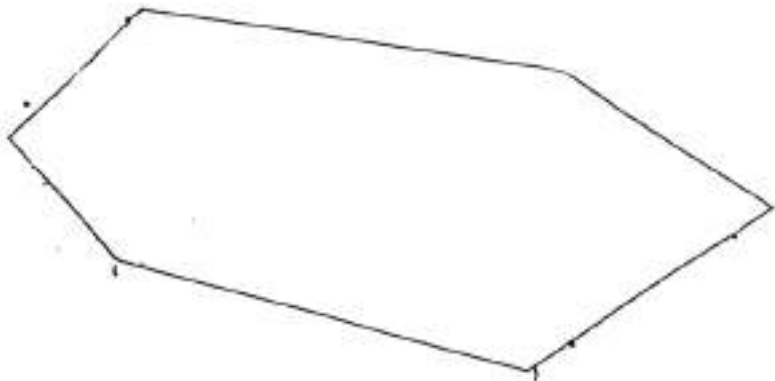
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Question 7

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

The figure below is not drawn to scale.
What is the sum of all the angles in this figure?



- A) 360

- B) 540
- ✓ C) 720
- D) 900

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,591

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Question 8

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Danielle wants to send a 950g parcel to Australia. The airmail fee is charged based on the rates below.

First 200 g	\$ 7.00
Per additional 100 g or less	\$ 2.00

How much is the airmail fee?

- A) \$18
- B) \$20
- C) \$21
- ✓ D) \$23

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,592

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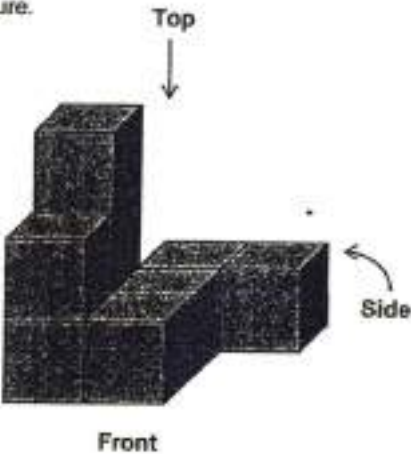
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Question 9

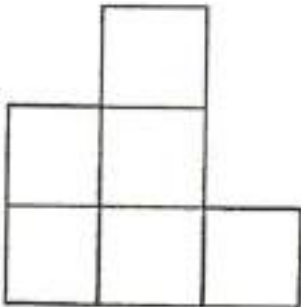
Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

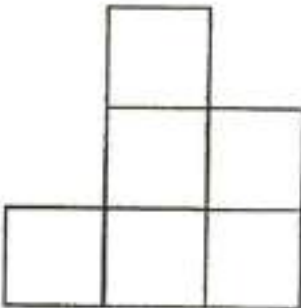
Janice drew the 3D figure below as a 2D figure.
Which is the side view?



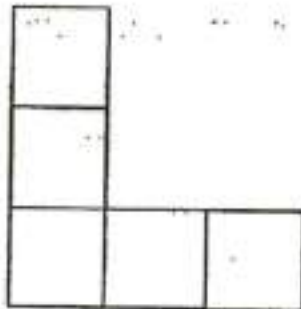
✓ A)



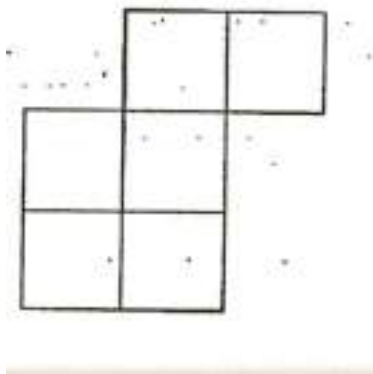
B)



C)



D)



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
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Question 10

Primary 5 Maths » Primary 5 Maths (Term 4)1 pt

Which one of the following numbers is the smallest?

- A) 0.098
- B) 0.908
- ✓ C) 0.089
- D) 0.809

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,596

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Question 11

Primary 5 Maths » Primary 5 Maths (Term 4)1 pt

Which letter has a line of symmetry?

E L N S

- ✓ A) E
- B) L
- C) N
- D) S

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,597

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Question 12

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

Round 8 324 485 to the nearest thousands.

- A) 8 325 000
- ✓ B) 8 324 000
- C) 8 324 500
- D) 8 324 400

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,598

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Question 13

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

Which one of the following fractions is greater than $\frac{3}{4}$?

- A) $\frac{1}{2}$
- B) $\frac{2}{3}$
- ✓ C) $\frac{5}{6}$
- D) $\frac{7}{12}$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,599

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Question 14

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

Express 152min in hours and minutes

- A) 1 h 32 min
 B) 1 h 52 min
 ✓ C) 2 h 32 min
 D) 2 h 52 min

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,600

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Question 15

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

Booklet B (5 marks)

A bag costs \$200 before 7% GST. How much is the GST amount?

Accepted answers:

- ✓ \$14
 ✓ 14

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,607

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Question 16

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

Some strawberries are placed on the weighing scale as shown below. Find the mass of the strawberries.



Accepted answers:

- ✓ 225g
- ✓ 225 g
- ✓ 225

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,608

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

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Question 17

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

40% of a number is 1200. Find the number.

- A) 480
- B) 720
- C) 2000
- ✓ D) 3000

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,601

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Question 18

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

$\frac{1}{10}$ of the animals in a farm are cows and $\frac{1}{3}$ of the remaining animals are sheep. The rest of the animals are 120 horses. How many animals are there in the farm?

Accepted answers:

✓ 200

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,610

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Question 19

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

Find the sum of the first two common multiples of 3 and 5.

Accepted answers:

✓ 45

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,611

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Question 20

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

(20 marks)

Express $\frac{7}{8}$ as a decimal. Leave your answer in 2 decimal places.

Accepted answers:

✓ 0.88

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,612

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Question 21

Primary 5 Maths » Primary 5 Maths (Term 4)

0 pts

The table below shows 4 columns, A to D. Study the number pattern below.

A	B	C	D
21	22	23	24
28	27	26	25
29	30	31	32
36	35	34	33
37	38	39	40

(a) Complete the table for the next row. (1m)

Please type " done" to proceed to the next question

Question Type: Essay
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,606

Correctly answered feedback

44	43	42	41
----	----	----	----

Incorrectly answered feedback

44	43	42	41
----	----	----	----

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Question 22

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

b) If more rows are added, which column A,B,C or D would 1934 be written under?

- A) A
 ✓ B) B
 C) C

D) D

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,602

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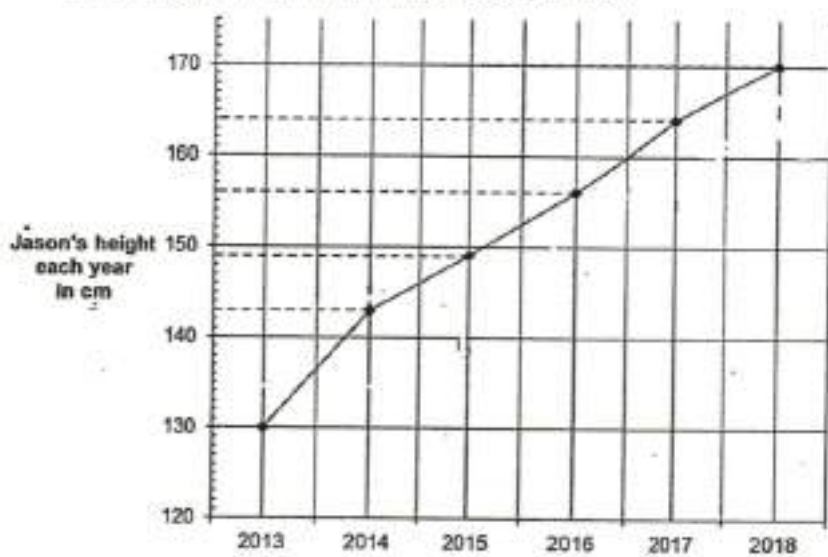
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Question 23

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

Jason's height was recorded in the line graph below.



(a) Which one year period did Jason grow the most?

- ✓ A) 2013 and 2014
 B) 2014 and 2015
 C) 2015 and 2016
 D) 2016 and 2017
 E) 2017 and 2018

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,594

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Question 24

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

b) What was his height in 2015?

Accepted answers:

✓ 149cm

✓ 149 cm

✓ 149

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,621

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Question 25

Primary 5 Maths » Primary 5 Maths (Term 4)

1 pt

What is the value of $4+8\div(11-7)\times 2$?

Accepted answers:

✓ 8

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,609

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Question 26

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Lilin spent 25% of her salary on a bag and had \$1200 left. How much did the bag cost?

Accepted answers:

✓ \$400

✓ 400

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,613

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Question 27

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Summer is 12 years older than her brother. How old will she be when she is 4 times her brother's age?

Accepted answers:

✓ 16years

✓ 16 years

✓ 16

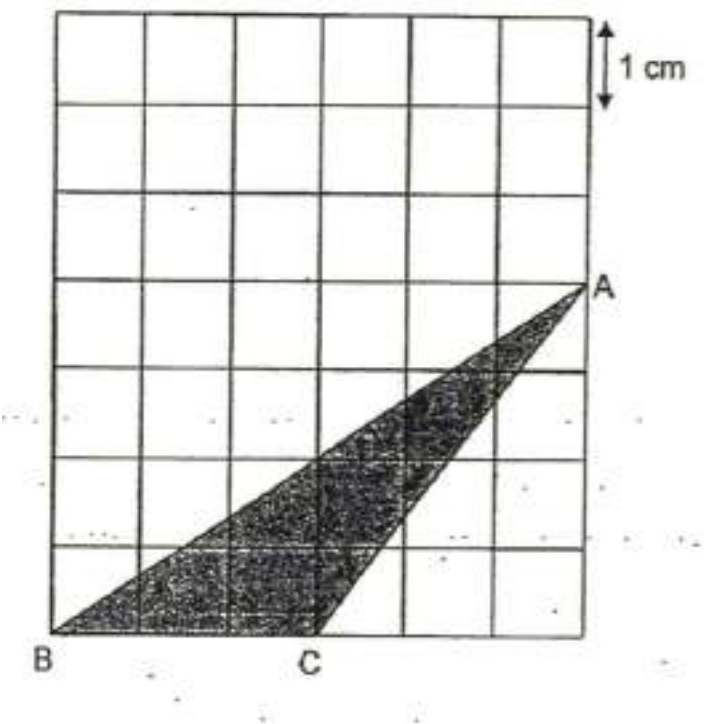
Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,614

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

Question 28

Primary 5 Maths » Primary 5 Maths (Term 4)2 pts

Find the area of Triangle ABC.



Accepted answers:

- ✓ 6cm2
- ✓ 6 cm2
- ✓ 6

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,615

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

Question 29

Primary 5 Maths » Primary 5 Maths (Term 4)2 pts

Lily has 2L of apply juice while Jim has 3500ml of orange juice. What is the ratio of Lily's apply juice to Jim's orange juice? Leave your answer in simplest form

Accepted answers:

✓ 4:07

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,616

🔗 Answers | ✎ Edit | 📄 Duplicate | 📌 Used In | ⬆ Reorder

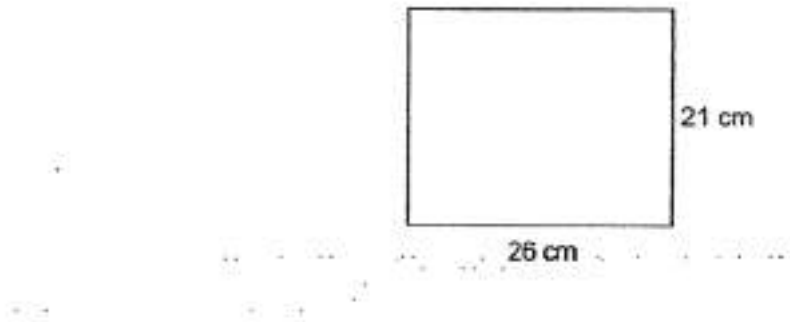
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Question 30

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Alex wanted to cut 2 cm by 2 cm squares from a rectangular piece of paper measuring 26 cm by 21 cm. How many squares can he get from the rectangular piece of paper?



Accepted answers:

✓ 130

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,617

🔗 Answers | ✎ Edit | 📄 Duplicate | 📌 Used In | ⬆ Reorder

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Question 31

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Baby Abel weighs twice as heavy as Baby Belle. Baby Belle weighs twice as heavy as Baby Carol. Baby Abel weighs 9600g heavier than Baby Carol. How heavy is Baby Abel?

Accepted answers:

- ✓ 12 800g
- ✓ 12800g
- ✓ 12 800
- ✓ 12800

✓ 12800 g

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,618

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Question 32

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

A plane departed Singapore at 21 50 on Monday. It landed in Hong Kong at 01 35 the next day. After 2h 40 min, it returned its hornet back to Singapore. It landed in Singapore at 16 50. What was the total time the plane in the air?

Accepted answers:

- ✓ 16h 20min
- ✓ 16 h 20 min
- ✓ 16h20min

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,619

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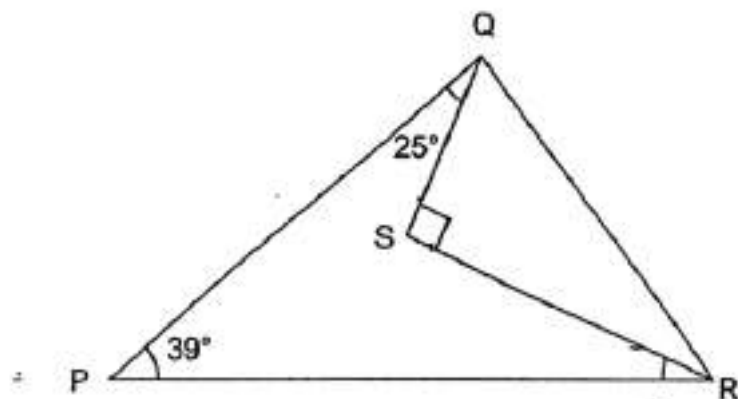
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Question 33

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

In the figure below, PQR and QSR are triangles. Find $\angle SRP$.



Accepted answers:

- ✓ 26

Question Type: Free Text
Date Added: Wed 28th Jul 2021
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QID#: 28,543,620

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Question 34

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

At a funfair, 5 children played at a game stall. Their average score was 40 points. The average score of 3 of them was 35. Find the total score of the other 2 children.

Accepted answers:

✓ 95

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,622

Correctly answered feedback

5x40=200
 3x35=105
 200-105=95

Incorrectly answered feedback

5x40=200
 3x35=105
 200-105=95

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

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Question 35

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Camp A has twice as many participants as Camp B. If 90 participants moved from Camp B to Camp A, there would be 5 times as many participants in Camp A as Camp B. How many participants are there in Camp A?

Accepted answers:

✓ 360

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,623

Correctly answered feedback

1u- 90
 A - 90x4=360

Incorrectly answered feedback

1u- 90
A - 90x4=360

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Question 36

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

$\frac{8}{9}$ of Nadia's cookies is the same number as $\frac{2}{3}$ of Sally's cookies. Express the number of cookies Nadia has as a fraction of the total number of cookies.

Accepted answers:

✓ 3-Jul

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,624

Correctly answered feedback

$12u + 9u = 21u$
 $N \rightarrow 9u$
Fraction $\rightarrow \frac{9}{21} = \frac{3}{7}$
Ans: $\frac{3}{7}$

Incorrectly answered feedback

$12u + 9u = 21u$
 $N \rightarrow 9u$
Fraction $\rightarrow \frac{9}{21} = \frac{3}{7}$
Ans: $\frac{3}{7}$

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Question 37

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Machine A took 5 hours to produce 4000 toys. Machine B took 8 hours to produce 6240 toys. In 1 hour how many toys can they produce altogether?

Accepted answers:

✓ 1580

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,625

Correctly answered feedback

Machine A $\rightarrow 4000 \div 5 = 800$
 Machine B $\rightarrow 6240 \div 8 = 780$
 Altogether $\rightarrow 780 + 800 = \underline{1580}$

Incorrectly answered feedback

Machine A $\rightarrow 4000 \div 5 = 800$
 Machine B $\rightarrow 6240 \div 8 = 780$
 Altogether $\rightarrow 780 + 800 = \underline{1580}$

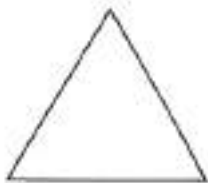
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Question 38

Primary 5 Maths » Primary 5 Maths (Term 4)

2 pts

Susy has some squares and triangles in a box. There are 40 squares and triangles in total and 133 corners altogether. How many squares are there in the box?



Triangle



Square

Accepted answers:

13



Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,626

Correctly answered feedback

Triangles → 3 corners
Square → 4 corners
Assumption method: Assume all are triangles
 $40 \times 3 = 120$
 $133 - 120 = 13$
 $4 - 3 = 1$
 $13 \div 1 = \underline{13}$

Incorrectly answered feedback

Triangles → 3 corners
Square → 4 corners
Assumption method: Assume all are triangles
 $40 \times 3 = 120$
 $133 - 120 = 13$
 $4 - 3 = 1$
 $13 \div 1 = \underline{13}$

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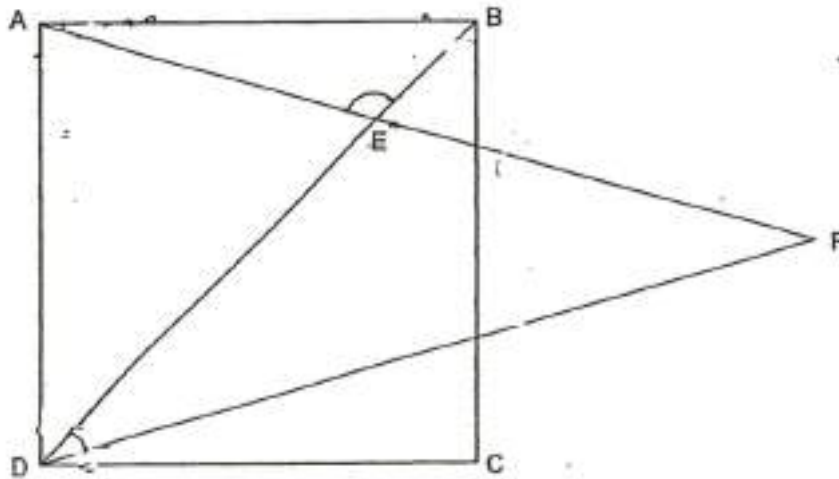
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Question 39

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

The figure below is not drawn to scale. ABCD is a square. AFD is an isosceles triangle. AF, BD and DF are straight lines. $\angle EDF = 22^\circ$. Find $\angle AEB$.



Accepted answers:

✓ 112

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,627

Correctly answered feedback

$$45 - 22 = 23$$

$$45 + 22 = 67$$

$$90 - 67 = 23$$

$$\angle AEB \rightarrow 180 - 45 - 23 = \underline{112^\circ}$$

Incorrectly answered feedback

$$45 - 22 = 23$$

$$45 + 22 = 67$$

$$90 - 67 = 23$$

$$\angle AEB \rightarrow 180 - 45 - 23 = \underline{112^\circ}$$

Question 40

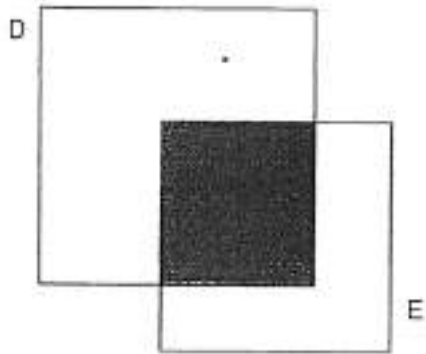
Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

The figure below is not drawn to scale. It is made up of two squares

D and E overlapping each other. $\frac{3}{7}$ of Square D is shaded. The area of Square

E is $\frac{4}{5}$ the area of Square D. Find the ratio of the shaded area to the whole figure.



Accepted answers:

✓ 5:16

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,628

Correctly answered feedback

$$28u + 35u = 63u$$

$$63u - 15u = 48u$$

$$\text{Ratio} \rightarrow 15 : 48$$

$$\underline{5 : 16}$$

Incorrectly answered feedback

$$28u + 35u = 63u$$

$$63u - 15u = 48u$$

$$\text{Ratio} \rightarrow 15 : 48$$

$$\underline{5 : 16}$$

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Question 41

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

The number of marbles in box A was 660 more than that in box B. When 720 marbles were taken from Box A and placed into Box B, the number of marbles in box B became five times that of box A. Find the number of marbles in box A at first.

Accepted answers:

✓ 915

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,629

Correctly answered feedback

$$\begin{aligned}
 720 - 660 &= 60 \\
 4u &\rightarrow 660 + 60 + 60 = 780 \\
 1u &\rightarrow 780 \div 4 = 195 \\
 195 + 60 + 660 &= \underline{915}
 \end{aligned}$$

Incorrectly answered feedback

$$\begin{aligned}
 720 - 660 &= 60 \\
 4u &\rightarrow 660 + 60 + 60 = 780 \\
 1u &\rightarrow 780 \div 4 = 195 \\
 195 + 60 + 660 &= \underline{915}
 \end{aligned}$$

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Question 42

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

Mei Hua bought chocolates and sweets to pack goody bags for her friends. She bought 3 times as many sweets as chocolates and spent a total of \$347.70. If each sweet and chocolate costs \$1.20 and \$2.50 respectively, how many chocolates did she buy?

Accepted answers:

✓ 57sets

57 sets



✓ 57

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,630

Correctly answered feedback

1 set: $1.20 \times 3 + 2.50 = \$6.10$
 $347.70 \div 6.10 = \underline{57 \text{ sets}}$

Incorrectly answered feedback

1 set: $1.20 \times 3 + 2.50 = \$6.10$
 $347.70 \div 6.10 = \underline{57 \text{ sets}}$

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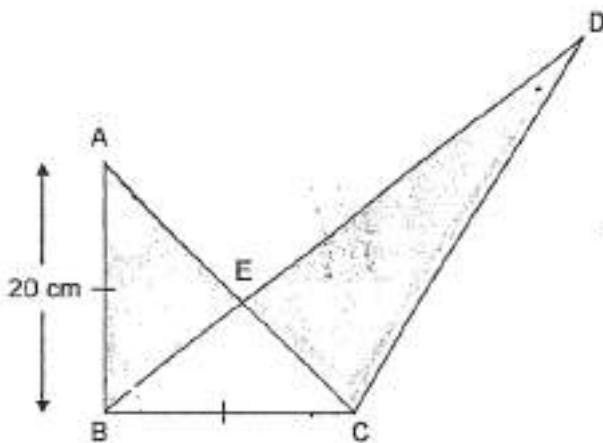
Question 43

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

The figure below is not drawn to scale.

ABC and BCD are two triangles. The height of the isosceles right-angled triangle ABC is $\frac{2}{3}$ that of triangle BCD. The area of the unshaded triangle is 100 cm^2 . Find the area of the whole figure, ABCDE.



Accepted answers:

- ✓ 400cm²
- ✓ 400 cm²
- ✓ 400

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,631

Correctly answered feedback

$$\begin{aligned} \text{Area of ABC} &\rightarrow 100 \times 2 = 200\text{cm}^2 \\ \frac{1}{3} &\rightarrow 200 \div 2 = 100\text{cm}^2 \\ \text{BCD} &\rightarrow 100 \times 3 = 300 \\ 300 + 200 &= 500 \\ 500 - 100 &= \underline{400\text{cm}^2} \end{aligned}$$

Incorrectly answered feedback

$$\begin{aligned} \text{Area of ABC} &\rightarrow 100 \times 2 = 200\text{cm}^2 \\ \frac{1}{3} &\rightarrow 200 \div 2 = 100\text{cm}^2 \\ \text{BCD} &\rightarrow 100 \times 3 = 300 \\ 300 + 200 &= 500 \\ 500 - 100 &= \underline{400\text{cm}^2} \end{aligned}$$

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Question 44

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

A drink stall made strawberry juice and pear juice in the ratio 9 : 5. When 56 l of strawberry juice and 56 l of pear juice was sold, the ratio of strawberry juice to pear juice became 5 : 2. Find the amount of strawberry juice the drink stall made at first.

Accepted answers:

- ✓ 216000ml
- ✓ 216000 ml
- ✓ 216 000

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,632

Correctly answered feedback

(Make ratio difference the same) 27 : 15 & 20 : 8
 $27 - 20 = 7$
 $1u \rightarrow 56\ 000 \div 7 = 8000$
 $8000 \times 27 = \underline{216\ 000\ ml}$

Incorrectly answered feedback

(Make ratio difference the same) 27 : 15 & 20 : 8
 $27 - 20 = 7$
 $1u \rightarrow 56\ 000 \div 7 = 8000$
 $8000 \times 27 = \underline{216\ 000\ ml}$

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Question 45

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

Mrs Lim bought the same number of adult and child admissions tickets for a show. She spent \$306 and \$127.50 on adult and child tickets respectively. Each adult ticket costs \$10.50 more than each child ticket. How much did she pay for an adult ticket?

Accepted answers:

- ✓ \$18
- ✓ 18

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,633

Correctly answered feedback

$306 - 127.50 = 178.50$
 $178.50 \div 10.50 = 17$
 $306 \div 17 = 18$

Incorrectly answered feedback

306-127.50=178.50
 178.50÷10.50=17
 306÷17=18

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Question 46

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

There were an equal number of adult and children in the bus at first. At the first stop, 10 adults boarded and 8 children alighted the bus. At the next stop, 7 adults and 4 children alighted the bus. In the end, there were 4 times as many adults as children. How many children were on the bus at first?

Accepted answers:

✓ 17

Question Type: Free Text
Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,634

Correctly answered feedback

3u → 8 + 4 + 3 = 15
 1u → 15 ÷ 3 = 5
 5 + 4 + 8 = 17

Incorrectly answered feedback

3u → 8 + 4 + 3 = 15
 1u → 15 ÷ 3 = 5
 5 + 4 + 8 = 17

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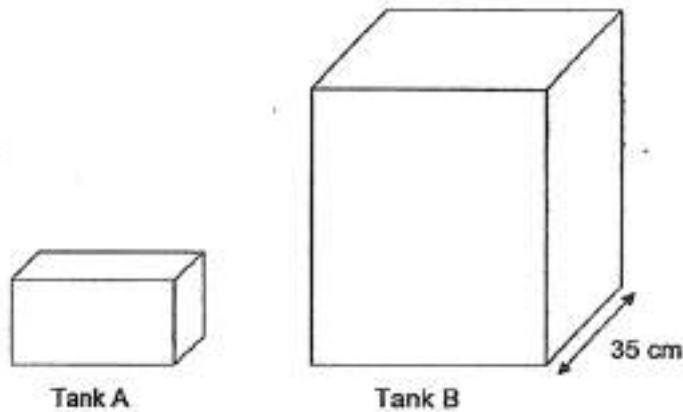
Question 47

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

Jonas poured water into Tank A measuring 30 cm by 14 cm by 17.5 cm. The tank was filled to the brim. The water from Tank A was poured into an empty square-based Tank B. Tank B was $\frac{1}{7}$ filled with water.

(a) Find the height of Tank B.



Accepted answers:

- ✓ 42cm
- ✓ 42 cm
- ✓ 42

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,635

Correctly answered feedback

a) Capacity of Tank A $\rightarrow 30 \times 14 \times 17.5 = 7350\text{cm}^3$
 $\frac{1}{7}$ of Tank B $\rightarrow 7350$
 $\frac{7}{7}$ of Tank B $\rightarrow 7350 \times 7 = 51\,450\text{cm}^3$
 $35 \times 35 = 1225\text{cm}^2$
 Height $\rightarrow 51\,450 \div 1225 = 42\text{cm}$

Incorrectly answered feedback

a) Capacity of Tank A $\rightarrow 30 \times 14 \times 17.5 = 7350\text{cm}^3$
 $\frac{1}{7}$ of Tank B $\rightarrow 7350$
 $\frac{7}{7}$ of Tank B $\rightarrow 7350 \times 7 = 51\,450\text{cm}^3$
 $35 \times 35 = 1225\text{cm}^2$
 Height $\rightarrow 51\,450 \div 1225 = 42\text{cm}$

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Question 48

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

b) How much more water is needed to fill Tank B to the brim?

Accepted answers:

✓ 44100ml

✓ 44100 ml

✓ 44 100

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,636

Correctly answered feedback

51450-7350=44100

Incorrectly answered feedback

51450-7350=44100

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Question 49

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

In a dance school, $\frac{2}{7}$ of the students and an additional 70 students learn ballet.
 $\frac{1}{3}$ of the remaining children learn modern dance. The rest of the 210 children learn jazz dance. How many students are there in the dance school?

Accepted answers:

✓ 539

Question Type: Free Text
 Date Added: Wed 28th Jul 2021
 Last Modified: N/A
 QID#: 28,543,637

Correctly answered feedback

2p $\rightarrow 210$
 1p $\rightarrow 210 \div 2 = 105$
 3p $\rightarrow 105 \times 3 = 315$
 5u $\rightarrow 315 + 70 = 385$
 1u $\rightarrow 385 \div 5 = 77$
Total: $77 \times 7 = \underline{539}$

Incorrectly answered feedback

2p $\rightarrow 210$
 1p $\rightarrow 210 \div 2 = 105$
 3p $\rightarrow 105 \times 3 = 315$
 5u $\rightarrow 315 + 70 = 385$
 1u $\rightarrow 385 \div 5 = 77$
Total: $77 \times 7 = \underline{539}$

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Question 50

Primary 5 Maths » Primary 5 Maths (Term 4)

3 pts

Mr Jones gave 30% of his salary to his parents. He spent \$350 on food and 20% of the remaining money on transport. He saved the rest of his salary, which was \$1120. What percentage of his salary did he spend on food?

Accepted answers:

✓ 14%

✓ 14

Question Type: Free Text

Date Added: Wed 28th Jul 2021
Last Modified: N/A
QID#: 28,543,638

Correctly answered feedback

$$1p \rightarrow 1120 \div 4 = 280$$

$$5p \rightarrow 280 \times 5 = 1400$$

$$7u \rightarrow 1400 + 350 = 1750$$

$$1u \rightarrow 1750 \div 7 = 250$$

$$250 \times 10 = 2500$$

$$\text{Percentage} \rightarrow \frac{350}{2500} \times \frac{100}{1} = \underline{14\%}$$

Incorrectly answered feedback

$$1p \rightarrow 1120 \div 4 = 280$$

$$5p \rightarrow 280 \times 5 = 1400$$

$$7u \rightarrow 1400 + 350 = 1750$$

$$1u \rightarrow 1750 \div 7 = 250$$

$$250 \times 10 = 2500$$

$$\text{Percentage} \rightarrow \frac{350}{2500} \times \frac{100}{1} = \underline{14\%}$$

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