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Primary 6 Math (Term 2) - Nanyang

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Test Introduction

[+ Add Introduction](#)**50 Questions** (95 Points)**Question Bank:** 12,655 Questions

Test Questions

0 Test Assignments

Question 1

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

For each question, four options are given. One of them is the correct answer. (20 marks)

Find the value of $\frac{3}{4} \div \frac{1}{8}$.

A. $\frac{1}{6}$

B. $\frac{3}{32}$

C. $10\frac{2}{3}$

D. 6



Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,815

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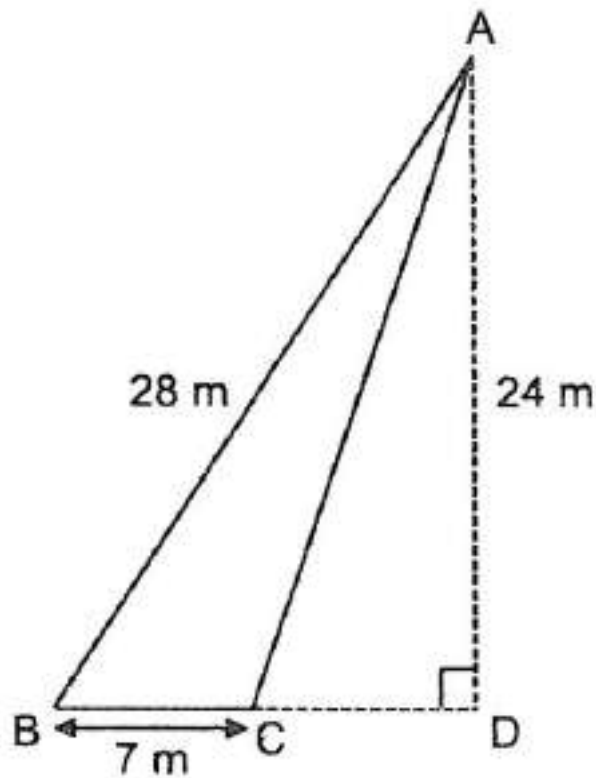
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Question 2

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the area of triangle ABC as shown below.



- A. 84 m²
 B. 98 m²
 C. 168 m²
 D. 336 m²

Question Type: Multiple Choice
Randomize Answers: No

Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,805

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Question 3

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Find the area of a circle of radius 8 cm. Leave your answer in terms of π .

- A. $8\pi \text{ cm}^2$
- B. $16\pi \text{ cm}^2$
- ✓ C. $64\pi \text{ cm}^2$
- D. $256\pi \text{ cm}^2$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,806

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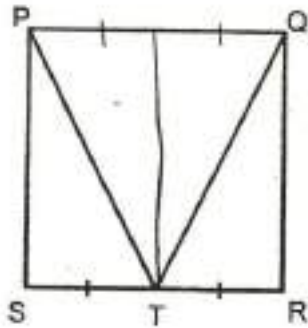
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Question 4

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the figure below, PQRS is a square and $ST = TR$. What type of triangle is triangle PQT?



- ✓ A. Isosceles triangle
- B. Equilateral triangle
- C. Right-angled triangle
- D. Obtuse-angled triangle

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,807

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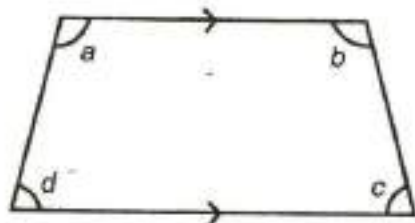
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Question 5

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

The figure below shows a trapezium. Which one of the following statements is true?



- A. $\angle a = \angle c$
- B. $\angle b = \angle d$

C.

$$\angle a + \angle b = \angle c + \angle d$$

✓ D.

$$\angle a + \angle d = \angle b + \angle c$$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,809

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Question 6

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Which one of the following is likely to be the mass of an unopened can of soda?



- A. 4 g
- ✓ B. 400 g
- C. 4 kg
- D. 40 kg

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,801

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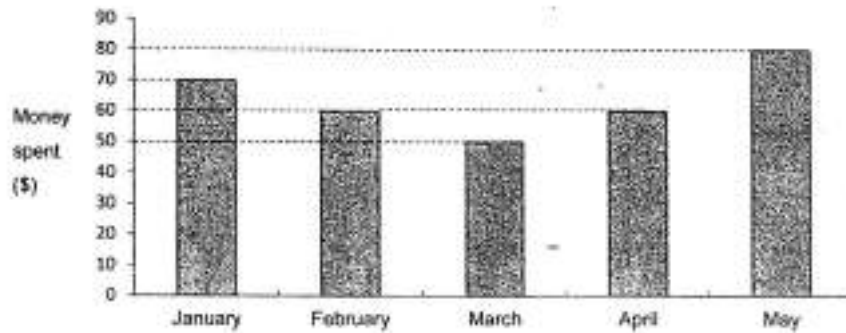
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Question 7

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Suraj was given \$100 every month. He spent some of the money and saved the rest. The bar graph shows the amount of money he spent from January to May.



How much did he spend in February and May altogether?

- A. \$60
- B. \$80
- ✓ C. \$140
- D. \$250

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,811

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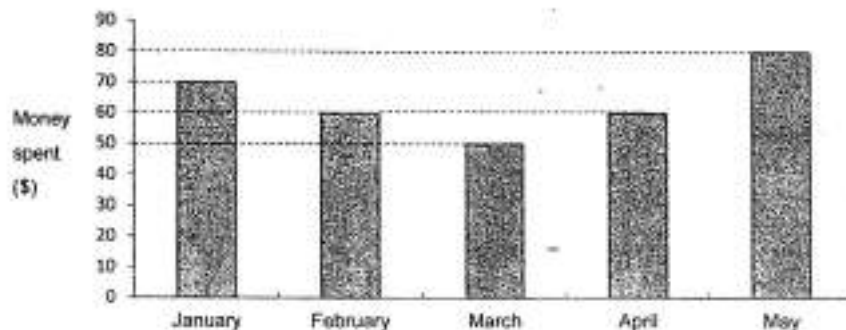
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Question 8

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Suraj was given \$100 every month. He spent some of the money and saved the rest. The bar graph shows the amount of money he spent from January to May.



How much did he save in April?

- A. \$20

- ✓ B. \$40
C. \$60
D. \$80

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,812

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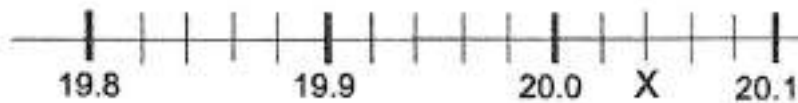
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Question 9

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the number line below, what is the value of X?



- A. 20.2
B. 20.4
C. 20.02
✓ D. 20.04

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,816

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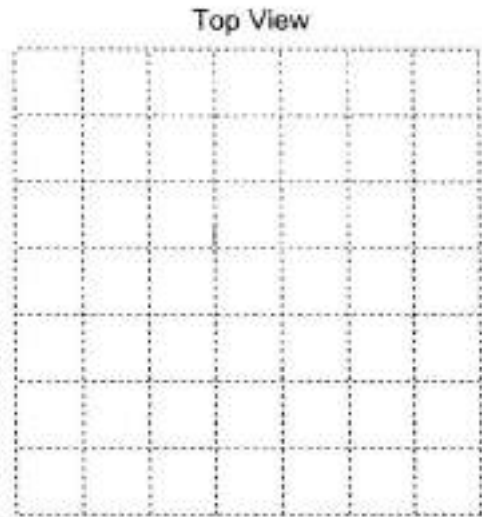
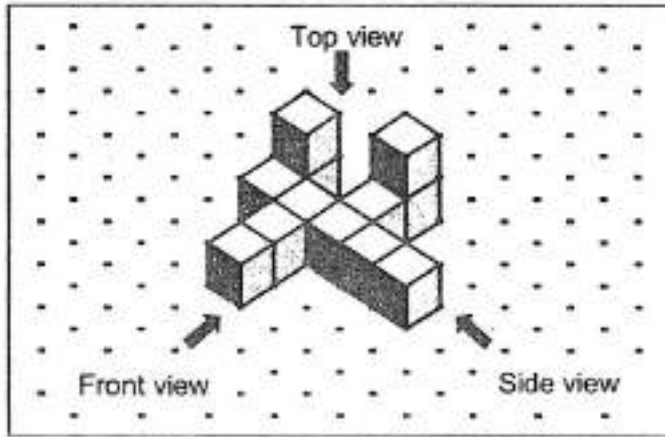
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Question 10

Primary 6 Math » Primary 6 Math (Term 2)

0 pts

The solid is made up of unit cubes. Draw the top view of the solid on the given square grid.



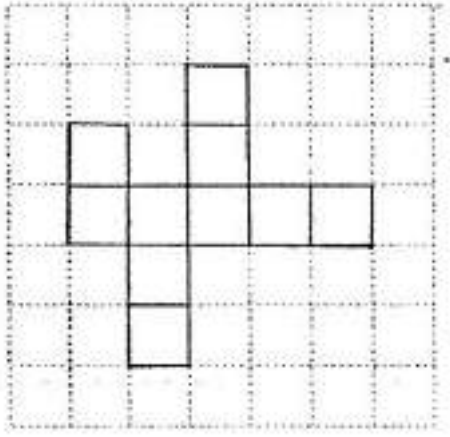
This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

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

Question Type: Essay
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,767

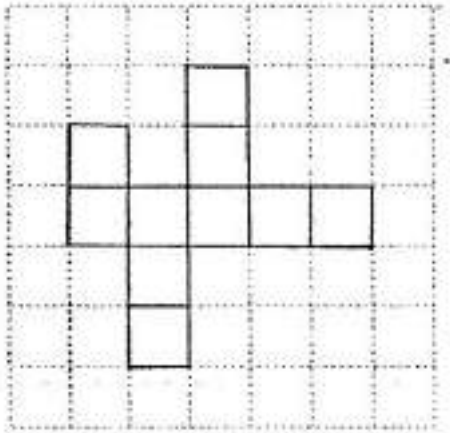
Correctly answered feedback

Top View



Incorrectly answered feedback

Top View



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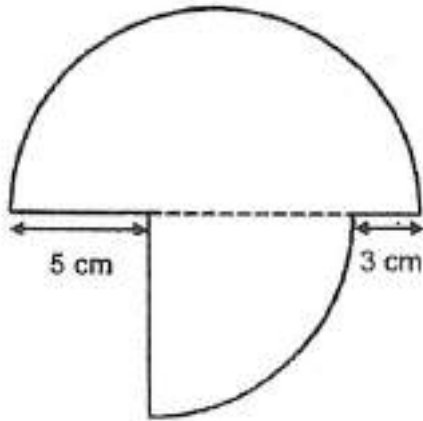
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Question 11

Primary 6 Math » Primary 6 Math (Term 2)

0 pts

The figure below is made up of a semicircle and a quarter circle. The semicircle and the quarter circle have the same diameter. Find the perimeter of the figure. Leave your answer in terms of π .



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

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

Question Type: Essay
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,768

Correctly answered feedback

$(12\pi + 16)$ cm

Incorrectly answered feedback

$(12\pi + 16)$ cm

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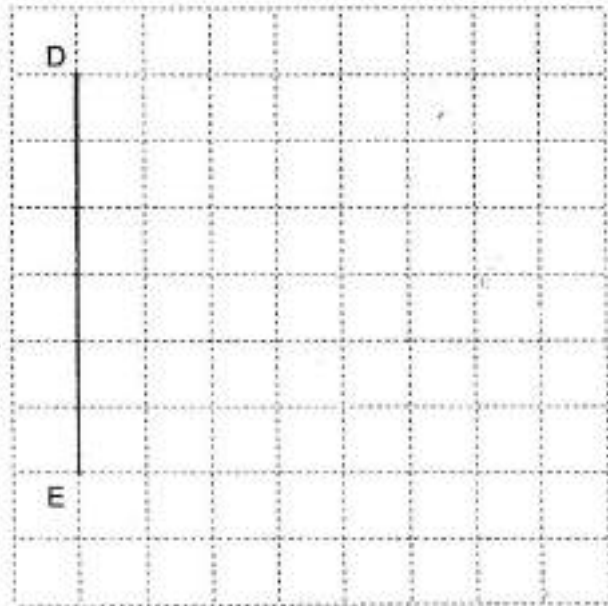
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Question 12

Primary 6 Math » Primary 6 Math (Term 2)

0 pts

In the square grid below, construct an isosceles triangle DEF such that $DF = EF$. The base and height of triangle DEF are equal. The base, line DE, has been drawn for you.

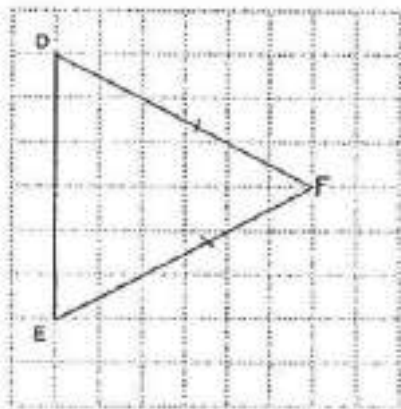


This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

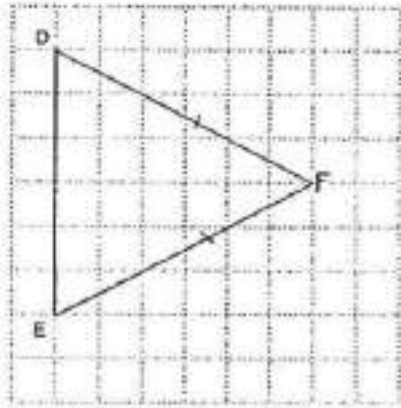
Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.

Question Type: Essay
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,769

Correctly answered feedback



Incorrectly answered feedback



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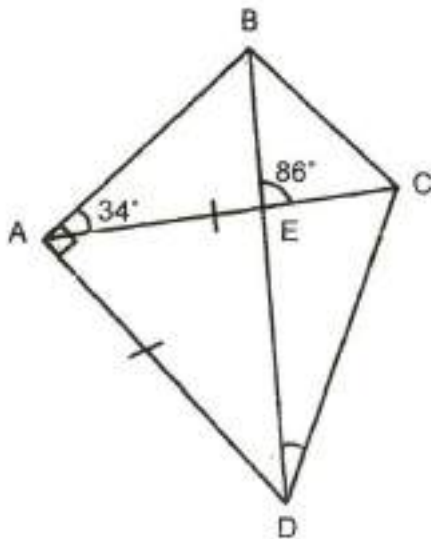
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Question 13

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

In the figure below, ABD and BCD are triangles. $\angle BAC = 34^\circ$, $\angle BEC = 86^\circ$ and $AC = AD$. $\angle BAD$ is a right angle and AEC is a straight line. Find $\angle BDC$.



Accepted answers:

- ✓ 24 degrees
- ✓ 24 degree
- ✓ 24degree
- ✓ 24degrees
- ✓ 24

Question Type: Free Text

Date Added: Fri 20th Aug 2021
 Last Modified: N/A
 QID#: 28,775,770

Correctly answered feedback

$$90^\circ - 34^\circ = 56^\circ$$

$$\frac{(180^\circ - 56^\circ)}{2} = 62^\circ$$

$$180^\circ - 86^\circ = 94^\circ$$

$$180^\circ - 94^\circ - 34^\circ = 52^\circ$$

$$180^\circ - 52^\circ - 90^\circ = 38^\circ$$

$$62^\circ - 38^\circ \Rightarrow \underline{24^\circ}$$

Incorrectly answered feedback

$$90^\circ - 34^\circ = 56^\circ$$

$$\frac{(180^\circ - 56^\circ)}{2} = 62^\circ$$

$$180^\circ - 86^\circ = 94^\circ$$

$$180^\circ - 94^\circ - 34^\circ = 52^\circ$$

$$180^\circ - 52^\circ - 90^\circ = 38^\circ$$

$$62^\circ - 38^\circ \Rightarrow \underline{24^\circ}$$

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Question 14

Primary 6 Math » Primary 6 Math (Term 2)

4 pts

Mr Yusof's candy shop had some cola candies and some mint candies at first. He then made more cola candies and sold 357 mint candies. As a result, there was a 20% increase in the number of cola candies and a 68% decrease in the number of mint candies. In the end, the ratio of the number of cola candies to the number of mint candies was 9 : 4. Find the number of cola candies at first.

Accepted answers:

- ✓ 315 cola candies
- ✓ 315 candies
- ✓ 315

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,771

Correctly answered feedback

$68\% \rightarrow 357$
 $1\% \rightarrow 357 \div 68 = 5.25$
 $100\% - 68\% = 32\%$
 $32\% \rightarrow 5.25 \times 32 = 168$
 $4u \rightarrow 168$
 $1u \rightarrow 168 \div 4 = 42$
 $9u \rightarrow 378$
 $100\% + 20\% = 120\%$
 $120\% \rightarrow 378$
 $1\% \rightarrow 378 \div 120 = 3.15$
 $100\% \rightarrow 3.15 \times 100 \Rightarrow \underline{\underline{315 \text{ cola candies}}}$

Incorrectly answered feedback

$$68\% \rightarrow 357$$

$$1\% \rightarrow 357 \div 68 = 5.25$$

$$100\% - 68\% = 32\%$$

$$32\% \rightarrow 5.25 \times 32 = 168$$

$$4u \rightarrow 168$$

$$1u \rightarrow 168 \div 4 = 42$$

$$9u \rightarrow 378$$

$$100\% + 20\% = 120\%$$

$$120\% \rightarrow 378$$

$$1\% \rightarrow 378 \div 120 = 3.15$$

$$100\% \rightarrow 3.15 \times 100 \Rightarrow \underline{\underline{315 \text{ cola candies}}}$$

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

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Question 15

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Express $\frac{5}{8}$ as a decimal.

Accepted answers:

- ✓ 0.625
- ✓ 0 . 625
- ✓ 0. 625
- ✓ 0 .625

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,772

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

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Question 16

Primary 6 Math » Primary 6 Math (Term 2)

4 pts

A shopkeeper had a total of 960 T-shirts and caps. The ratio of the number of T-shirts to the number of caps is 5 : 3. After selling an equal number of T-shirts and caps, the ratio of the number of T-shirts left to the number of caps left was 13 : 3. How many caps did the shopkeeper sell?

Accepted answers:

- ✓ 288 caps
- ✓ 288

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,773

Correctly answered feedback

$25 + 15 = 40$
 $40u = 960$
 $1u = 960 / 40 = 24$
 $15 - 3 = 12$
 $12u = 24 \times 12 = 288 \text{ caps}$

Incorrectly answered feedback

$25 + 15 = 40$
 $40u = 960$
 $1u = 960 / 40 = 24$
 $15 - 3 = 12$
 $12u = 24 \times 12 = 288 \text{ caps}$

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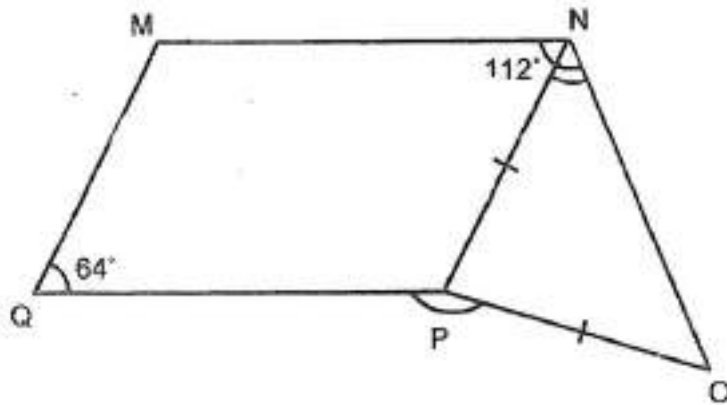
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Question 17

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

In the figure below, MNPQ is a parallelogram and NOP is an isosceles triangle. $\angle MQP = 64^\circ$, $\angle MNO = 112^\circ$ and $PN = PO$.



Find Angle ONP.

Accepted answers:

- ✓ 48 degrees
- ✓ 48 degree
- ✓ 48

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,774

Correctly answered feedback

$$112^\circ - 64^\circ = 48^\circ$$

Incorrectly answered feedback

$$112^\circ - 64^\circ = 48^\circ$$

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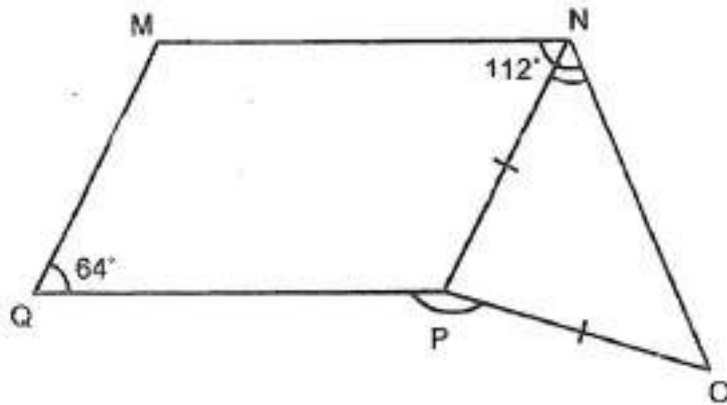
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Question 18

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

In the figure below, MNPQ is a parallelogram and NOP is an isosceles triangle. $\angle MQP = 64^\circ$, $\angle MNO = 112^\circ$ and $PN = PO$.



Find Angle OPQ.

Accepted answers:

- ✓ 160 degree
- ✓ 160 degrees
- ✓ 160
- ✓ 160degree
- ✓ 160degrees

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,777

Correctly answered feedback

$$180^\circ - 48^\circ - 48^\circ = 84^\circ$$

$$180^\circ - 64^\circ = 116^\circ$$

$$360^\circ - 116^\circ - 84^\circ = 160^\circ$$

Incorrectly answered feedback

$$180^\circ - 48^\circ - 48^\circ = 84^\circ$$

$$180^\circ - 64^\circ = 116^\circ$$

$$360^\circ - 116^\circ - 84^\circ = 160^\circ$$

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Question 19

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A cuboid of height 6 m has a square base of side 4 m. What is its volume?

Accepted answers:

- ✓ 96m cube
- ✓ 96m
- ✓ 96 m
- ✓ 96 m cube
- ✓ 96

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

Correctly answered feedback96 m³**Incorrectly answered feedback**96 m³

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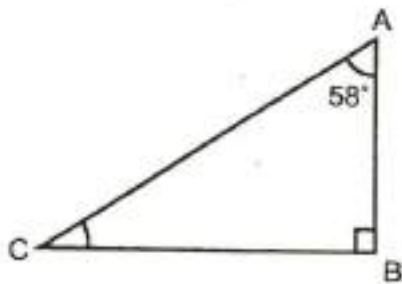
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Question 20

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the figure below, ABC is a triangle. $\angle ABC$ is a right angle and $\angle BAC = 58^\circ$. Find $\angle ACB$.

**Accepted answers:**

- ✓ 32
- ✓ 32 degrees
- ✓ 32 degree
- ✓ 32degree
- ✓ 32degrees

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,776

Correctly answered feedback

32°

Incorrectly answered feedback

32°

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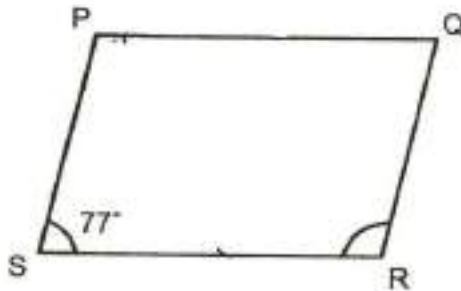
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Question 21

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

In the figure below, PQRS is a parallelogram and $\angle PSR = 77^\circ$. Find $\angle QRS$.



Accepted answers:

- ✓ 103
- ✓ 103 degree
- ✓ 103 degrees
- ✓ 103degree
- ✓ 103degrees

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,778

Correctly answered feedback

103°

Incorrectly answered feedback

103°

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Question 22

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Each question carries 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

A circular wheel of diameter 30 cm made 2 complete turns.
Find the distance covered by the wheel. Take $\pi = 3.14$.

Accepted answers:

- ✓ 188.4 cm
- ✓ 188.4cm
- ✓ 188.4

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,779

Correctly answered feedback

$3.14 \times 30 = 94.2$
 $94.2 \times 2 = 188.4 \text{ cm}$

Incorrectly answered feedback

$3.14 \times 30 = 94.2$
 $94.2 \times 2 = 188.4 \text{ cm}$

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Question 23

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The table below shows the favourite colours (red, blue, green and yellow) of a group of children. The number of children who chose yellow as their favourite colour is not shown.

Red	40
Blue	56
Green	54
Yellow	?

The total number of children who chose red and blue is the same as the total number of children who chose green and yellow. Find the number of children who chose yellow as their favourite colour.

Accepted answers:

- ✓ 42
- ✓ 42 children

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,780

Correctly answered feedback

$40 + 56 = 96$
 $96 - 54 = 42$ children

Incorrectly answered feedback

$40 + 56 = 96$
 $96 - 54 = 42$ children

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Question 24

Primary 6 Math » Primary 6 Math (Term 2)

4 pts

Brian had \$228 more than Jia Ming. After Brian spent $\frac{1}{3}$ of his money and Jia Ming spent $\frac{3}{4}$ of his money, the amount Brian had left was \$302 more than the amount Jia Ming had left. How much money did Brian have at first?

Accepted answers:

✓ \$588

✓ 588

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,781

Correctly answered feedback

$\$228 / 3 = \76
 $\$228 - \$76 = \$152$
 $8u + \$152 - 3u = \302
 $5u: \$302 - \$152 = \$150$
 $1u: \$150 / 5 = \30
 $12u: \$30 \times 12 = \360
 $\$360 + \$228 = \$588$

Incorrectly answered feedback

$\$228 / 3 = \76
 $\$228 - \$76 = \$152$
 $8u + \$152 - 3u = \302
 $5u: \$302 - \$152 = \$150$
 $1u: \$150 / 5 = \30
 $12u: \$30 \times 12 = \360
 $\$360 + \$228 = \$588$

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Question 25

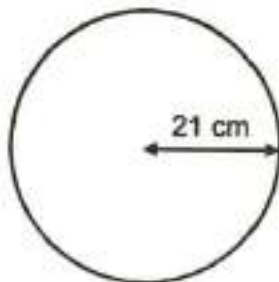
Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Each question carries 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

The figure below shows a circle of radius 21 cm. Find its circumference.

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



Accepted answers:

✓ 132 cm

✓ 132cm

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,782

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Question 26

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Mr Tang deposited \$4000 in a fixed deposit account at NY Bank which offered an interest rate of 2.3% per year. How much interest would Mr Tang receive at the end of 1 year?

Accepted answers:

✓ \$92

✓ 92

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,783

Correctly answered feedback

$$\frac{2.3}{100} \times \$4000 \Rightarrow \underline{\underline{\$92}}$$

Incorrectly answered feedback

$$\frac{2.3}{100} \times \$4000 \Rightarrow \underline{\underline{\$92}}$$

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Question 27

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

At a fruit stall, the cost of a pineapple is $\frac{7}{3}$ the cost of an orange. The cost of an apple is half the cost of the orange. The cost of the apple is \$0.60. What is the cost of the pineapple?

Accepted answers:

- ✓ \$2. 80
- ✓ \$2.80
- ✓ \$2 . 80
- ✓ \$2 .80
- ✓ \$ 2 . 80
- ✓ \$ 2 .80
- ✓ \$ 2 . 80
- ✓ 2.8
- ✓ 2 .80
- ✓ 2 . 80
- ✓ 2. 80

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,784

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Question 28

Primary 6 Math » Primary 6 Math (Term 2)

4 pts

Rachel and Elijah received a fixed amount of money every month. In the first month, Rachel spent \$5.60 per day and Elijah spent \$2.80 per day. Rachel had \$39.20 left when Elijah had spent all his money. In the second month, Rachel spent \$2.80 per day and Elijah spent \$5.60 per day. Rachel had \$140 left when Elijah had spent all his money. How much money did Rachel receive every month?

Accepted answers:

- ✓ \$173.60
- ✓ \$173 . 60
- ✓ \$173 .60

- ✓ \$173.60
- ✓ \$ 173 . 60
- ✓ \$ 173 .60
- ✓ \$ 173. 60
- ✓ 173.6
- ✓ 173 . 60

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,785

Correctly answered feedback

$$3u \rightarrow \$140 - \$39.20 = \$100.80$$

$$1u \rightarrow \$100.80 \div 3 = \$33.60$$

$$\$33.60 + \$140 = \$173.60$$

$$4u \rightarrow 4 \times \$33.60 = \$134.40$$

$$\$134.40 + \$39.20 \Rightarrow \underline{\$173.60}$$

Incorrectly answered feedback

$$3u \rightarrow \$140 - \$39.20 = \$100.80$$

$$1u \rightarrow \$100.80 \div 3 = \$33.60$$

$$\$33.60 + \$140 = \$173.60$$

$$4u \rightarrow 4 \times \$33.60 = \$134.40$$

$$\$134.40 + \$39.20 \Rightarrow \underline{\$173.60}$$

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

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Question 29

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

A machine prints 450 labels in 18 min. At this rate, how long does the machine take to print 110 labels?

Accepted answers:

- ✓ 4.4 mins
- ✓ 4.4 min
- ✓ 4.4 minutes
- ✓ 4.4min
- ✓ 4.4
- ✓ 4.4mins
- ✓ 4 . 4 mins
- ✓ 4 . 4mins
- ✓ 4 . 4 minutes

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,786

Correctly answered feedback

18 min = 450 labels
1 min = 25 labels
4.4 min = 110 labels

Incorrectly answered feedback

18 min = 450 labels
1 min = 25 labels
4.4 min = 110 labels

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

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Question 30

Primary 6 Math » Primary 6 Math (Term 2)

4 pts

Max, Ruby and Steve shared a packet of sweets. The ratio of the total number of sweets Ruby and Steve received to the number of sweets Max received was 2 : 3. After Max gave 9 sweets to Ruby and 23 sweets to Steve, the 3 children had the same number of sweets in the end.

How many sweets did Ruby have in the end?

Accepted answers:

- ✓ 40 sweets
- ✓ 40

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

Last Modified: N/A
 QID#: 28,775,787

Correctly answered feedback

9 - 5 = 4
 4u: $9 + 23 = 32$
 1u: $32 / 4 = 8$
 5u: $8 \times 5 = 40$ sweets

Incorrectly answered feedback

9 - 5 = 4
 4u: $9 + 23 = 32$
 1u: $32 / 4 = 8$
 5u: $8 \times 5 = 40$ sweets

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Question 31

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Max, Ruby and Steve shared a packet of sweets. The ratio of the total number of sweets Ruby and Steve received to the number of sweets Max received was 2 : 3. After Max gave 9 sweets to Ruby and 23 sweets to Steve, the 3 children had the same number of sweets in the end.

How many sweets did Steve have at first?

Accepted answers:

- ✓ 17 sweets
- ✓ 17

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,788

Correctly answered feedback

$40 - 23 = 17$ sweets

Incorrectly answered feedback

$40 - 23 = 17$ sweets

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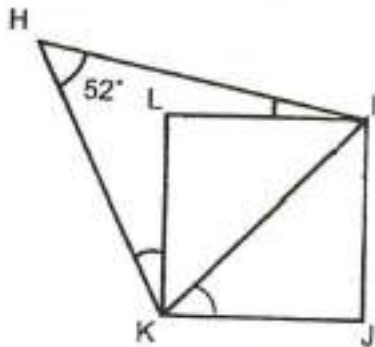
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Question 32

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

In the figure below, IJKL is a square and HIK is a triangle. $\angle IHK = 52^\circ$.
Find the sum of $\angle HIL$ and $\angle HKL$.



Accepted answers:

- ✓ 38 degree
- ✓ 38 degrees
- ✓ 38 Degreees
- ✓ 38degree
- ✓ 38degrees

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,789

Correctly answered feedback

38

Incorrectly answered feedback

38°

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Question 33

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The average of a group of numbers is 43. Three numbers, X, Y and Z, are removed from the group. The average of the remaining numbers remains as 43. The average of X and Y is 37. Find the value of Z.

Accepted answers:

✓ 55

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,790

Correctly answered feedback

$43 \times 3 = 129$
 $37 \times 2 = 74$
 $129 - 74 = 55$

Incorrectly answered feedback

$43 \times 3 = 129$
 $37 \times 2 = 74$
 $129 - 74 = 55$

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

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Question 34

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Su Ling bought 2 calculators and 16 markers. Each calculator cost 12 times as much as each marker. She gave the cashier \$100 and received \$20 as change. What was the cost of 1 marker?

Accepted answers:

✓ \$2

✓ 2

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,791

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

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Question 35

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

Luke is $1\frac{1}{3}$ times as tall as Steve. $\frac{3}{8}$ of Steve's height is 45 cm. Find the difference in height between the two boys.

Accepted answers:

- ✓ 40 cm
- ✓ 40cm
- ✓ 40

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,792

Correctly answered feedback

$$\frac{3}{8} = \frac{9}{24}$$

$$9u \rightarrow 45$$

$$1u \rightarrow 45 \div 9 = 5$$

$$8 \times 4 = 32$$

$$8 \times 3 = 24$$

$$32 - 24 = 8$$

$$8u \rightarrow 5 \times 8 \Rightarrow \underline{40 \text{ cm}}$$

Incorrectly answered feedback

$$\frac{3}{8} = \frac{9}{24}$$

$$9u \rightarrow 45$$

$$1u \rightarrow 45 \div 9 = 5$$

$$8 \times 4 = 32$$

$$8 \times 3 = 24$$

$$32 - 24 = 8$$

$$8u \rightarrow 5 \times 8 \Rightarrow \underline{40 \text{ cm}}$$

[Answers](#) |
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Question 36

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

There are a total of 200 pens, pencils and erasers in a stationery shop. The number of pens and pencils are less than 100 each and they are both divisible by 3 and 4. The number of pens is twice the number of pencils and there are fewer erasers than pens. How many erasers are there?

Accepted answers:

- ✓ 56 erasers
- ✓ 56

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,793

Correctly answered feedback

Pencil = 48
 Pen = 96
 $96/2 = 48$
 $48 + 96 = 144$
 $200 - 144 = 56$ erasers

Incorrectly answered feedback

Pencil = 48
 Pen = 96
 $96/2 = 48$

48 + 96 = 144
200 - 144 = 56 erasers

Answers | Edit | Duplicate | Used In | Reorder

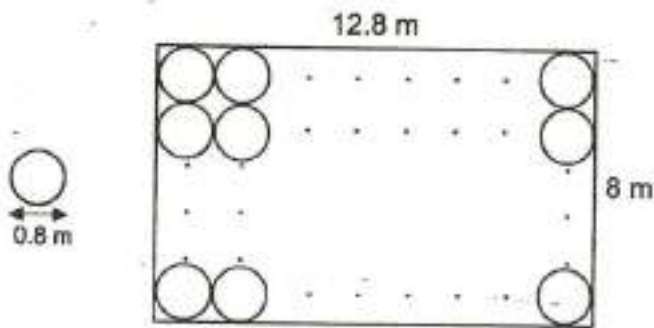
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Question 37

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

The figure below shows a rectangular floor of a room measuring 12.8 m by 8 m. The rectangular floor was tiled using circular tiles of diameter 0.8 m. Each tile is in contact with those next to it. At most, how many of such tiles can be used to tile the rectangular floor?



Accepted answers:

- ✓ 160 tiles
- ✓ 160

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,794

Correctly answered feedback

12.8 / 0.8 = 16
8 / 0.8 = 10
16 x 10 = 160 tiles

Incorrectly answered feedback

12.8 / 0.8 = 16
8 / 0.8 = 10
16 x 10 = 160 tiles

Answers | Edit | Duplicate | Used In | Reorder

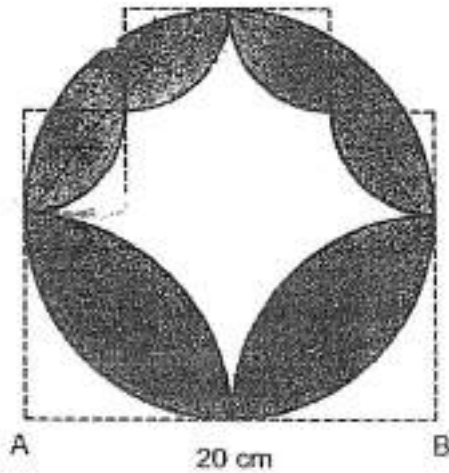
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Question 38

Primary 6 Math » Primary 6 Math (Term 2)

5 pts

The figure below is made up of a circle, 2 identical large quarter circles and 4 identical smaller quarter circles. The length of AB is 20 cm. Find the area of the shaded part. Take $\pi = 3.14$.



Accepted answers:

- ✓ 199.5 cm square
- ✓ 199.5cm square
- ✓ 199.5 cm
- ✓ 199.5cm
- ✓ 199.5

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,795

Correctly answered feedback

$20 / 2 = 10$
 $10 \times 10 \times 3.14 = 314$
 $314 / 4 = 78.5$

 $1/2 \times 10 \times 10 = 50$

 $78.5 - 50 = 28.5$
 $10 / 2 = 5$
 $5 \times 5 \times 3.14 = 78.5$
 $78.5 / 4 = 19.625$

 $1/2 \times 5 \times 5 = 12.5$

 $19.625 - 12.5 = 7.125$
 $28.5 \times 6 + 4 \times 7.125 = 199.5 \text{ cm}^2$

Incorrectly answered feedback

$$20 / 2 = 10$$

$$10 \times 10 \times 3.14 = 314$$

$$314 / 4 = 78.5$$

$$1/2 \times 10 \times 10 = 50$$

$$78.5 - 50 = 28.5$$

$$10 / 2 = 5$$

$$5 \times 5 \times 3.14 = 78.5$$

$$78.5 / 4 = 19.625$$

$$1/2 \times 5 \times 5 = 12.5$$

$$19.625 - 12.5 = 7.125$$

$$28.5 \times 6 + 4 \times 7.125 = 199.5 \text{ cm}^2$$

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Question 39

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

A rope measuring $\frac{5}{8}$ m was cut equally into 6 shorter pieces. Leroy took 3 such pieces. How many metres of the rope did he take?

Accepted answers:

- ✓ 5/16 m
- ✓ 5/16m
- ✓ 5/16 meters
- ✓ 5/16meters

Question Type: Free Text

Date Added: Fri 20th Aug 2021

Last Modified: N/A

QID#: 28,775,796

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Question 40

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Mrs Tay had some beads. The ratio of the number of blue beads to the number of red beads was 2 : 5. After using 25 red beads to sew on a bag, the ratio of the number of blue beads to the number of red beads became 8 : 15. How many blue beads did she have?

Accepted answers:

40

- ✓
- ✓ 40 blue beads
- ✓ 40 beads

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,797

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Question 41

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The recipe shown below is used to bake 20 chocolate chip cookies.

<u>Chocolate chip cookies recipe</u>
(Bake 20 pieces) 🍪
100 g of sugar
115 g of butter
150 g of flour
150 g of chocolate chips
1 large egg, 60 g

Mdm Chan wants to bake 50 chocolate chip cookies. How much flour does she need?

Accepted answers:

- ✓ 375g
- ✓ 375 g
- ✓ 375

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,798

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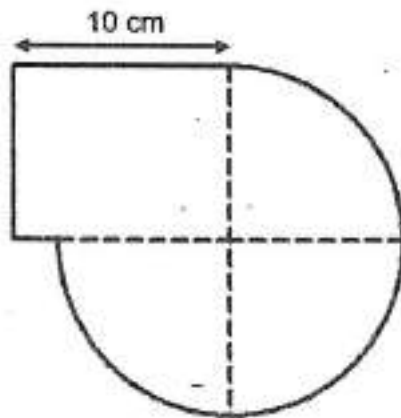
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Question 42

Primary 6 Math » Primary 6 Math (Term 2)

3 pts

The figure below is made up of 3 quarter circles and a rectangle. The rectangle has a length of 10 cm and an area of 80 cm^2 . Find the perimeter of the figure. Take $\pi = 3.14$.



Accepted answers:

- ✓ 57.68 cm
- ✓ 57.68cm
- ✓ 57.68

Question Type: Free Text
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,799

Correctly answered feedback

$80 / 10 = 8$
 $3.14 \times 8 \times 2 \times 3/4 = 37.68$
 $10 - 8 = 2$
 $10 + 8 + 37.68 + 2 = 57.68 \text{ cm}$

Incorrectly answered feedback

$80 / 10 = 8$
 $3.14 \times 8 \times 2 \times 3/4 = 37.68$
 $10 - 8 = 2$
 $10 + 8 + 37.68 + 2 = 57.68 \text{ cm}$

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

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Question 43

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

Joyce baked some cookies. She gave 80% of the cookies to Zac. Zac ate 20% of the cookies he received from Joyce. Which one of the following shows the percentage of total cookies that Zac ate?

- A. $1/5 \times 20\%$
- ✓ B. $1/5 \times 80\%$
- C. $4/5 \times 80\%$
- D. $4/5 \times 100\%$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,800

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Question 44

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Rajah paid \$4.80 for a box of 20 pencils. What was the cost of each pencil?

- ✓ A. \$0.24
- B. \$0.48
- C. \$0.96
- D. \$2.40

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,802

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Question 45

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Joan is m years old. Sara is thrice as old as Joan. Kavita is 8 years younger than Sara. What is Kavita's age? Express your answer in terms of m .

- ✓ A. $3m - 8$
- B. $3m + 8$
- C. $4m - 8$
- D. $4m + 8$

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

QID#: 28,775,803

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [↕ Reorder](#)[Remove From Test](#)**Question 46**

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The figure is made up of 5 identical squares. What fraction of the figure is shaded?



- A. 1-Mar
- B. 2-May
- ✓ C. 3-Oct
- D. 7-Oct

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,804

[↗ Answers](#) | [✎ Edit](#) | [📄 Duplicate](#) | [📌 Used In](#) | [↕ Reorder](#)[Remove From Test](#)**Question 47**

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A number has 15 as a factor.

The statement below is either true, false or not possible to tell from the information given. Choose the correct following choices below that suits the statement.

The number is an odd number.

- 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#: 28,775,808

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

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Question 48

Primary 6 Math » Primary 6 Math (Term 2)

1 pt

A number has 15 as a factor.

The statement below is either true, false or not possible to tell from the information given. Choose the correct following choices below that suits the statement.

The number is a multiple of 5.

- ✓ 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#: 28,775,810

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Question 49

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

Olivia is $\frac{2}{7}$ as heavy as Sze Wei. What is the ratio of the mass of Olivia to the total mass of Olivia and Sze Wei?

- A. 2:07
B. 7:02
✓ C. 2:09
D. 7:09

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,813

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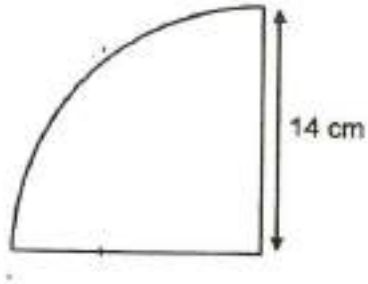
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Question 50

Primary 6 Math » Primary 6 Math (Term 2)

2 pts

The figure below shows a quarter circle of radius 14 cm. Find its perimeter. Take $\pi = \frac{22}{7}$.



- A. 11 cm
- B. 22 cm
- C. 39 cm
- ✓ D. 50 cm

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Fri 20th Aug 2021
Last Modified: N/A
QID#: 28,775,814

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