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(2020) Primary 6 Math (Term 2) - Red Swastika

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Test Introduction

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25 Questions   (25 Points)

Question Bank: 12,655 Questions

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Question 1

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

Express 6y + 8 - 2y - 5 in the simplest form

✓ **A.** 4y + 3

B. 4y - 13

C. 8y + 3

D. 8y - 13

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Thu 30th Sep 2021*
Last Modified: *N/A*
QID#:   *29,185,050*

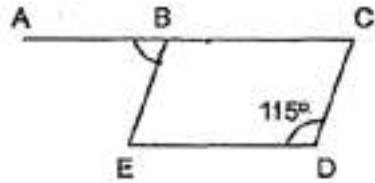↗ Answers | ✎ Edit | ⧉ Duplicate | ✈ Used In | ⇕ Reorder   Remove From Test

Question 2

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

In the figure below, BCDE is a parallelogram. ABC is a straight line. Find ∠ ABE.

A. 25

✓ **B.** 65

C. 75

D. 115

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,055

↗ Answers | ✏ Edit | ⧉ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
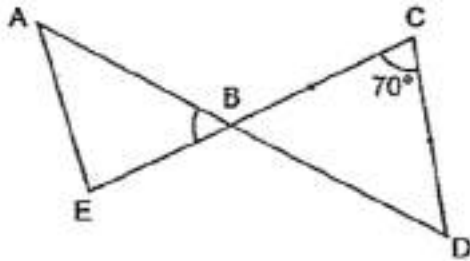
Question 3

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

In the figure below, BCD is an isosceles triangle. ABD and EBC are straight lines. Find ∠ ABE.

A. 35

✓ **B.** 55

C. 70

D. 110

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,060

⤢ Answers | ✏ Edit | ⑂ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
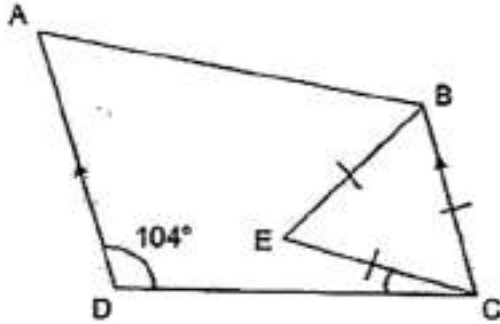
Question 4   *Primary 6 Math* » Primary 6 Math (Term 2)   1 pt

In the figure below, ABCD is a trapezium with AD parallel to BC, BCE is an equilateral triangle and $\angle ACD = 104°$. Find $\angle DCE$.

✔ **A.**   16

B.   44

C.   60

D.   76

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,062

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

Question 5   *Primary 6 Math* » Primary 6 Math (Term 2)   1 pt

Which of the following has the same value as $\frac{2}{9} + \frac{3}{5}$?

A.

$$\frac{2}{9} \times \frac{3}{5}$$

B.

$$\frac{9}{2} \times \frac{3}{5}$$

✓ C.

$$\frac{2}{9} \times \frac{5}{3}$$

D.

$$\frac{9}{2} \times \frac{5}{3}$$

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,069

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

Question 6

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

Mrs Ang has a box containing red and blue beads. The ratio of the number of red beads to the number of blue beads is 3:5. What fraction of the total number of beads is blue?

A.

$$\frac{3}{8}$$

✓ B.

$$\frac{5}{8}$$

C.

$$\frac{8}{3}$$

D.

$$\frac{8}{5}$$

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,079

↗ Answers | *✎ Edit* | *⊡ Duplicate* | *✦ Used In* | *⇕ Reorder*   Remove From Test

Question 7

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

The number of member in a dancing class in April was 40. The number of member increase to 50 in May. Find the percentage increase in the number of member from April to May.

A. 10%

B. 20%

✔ **C.** 25%

D. 80%

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,084

↗ Answers | *✎ Edit* | *⊡ Duplicate* | *✦ Used In* | *⇕ Reorder*   Remove From Test
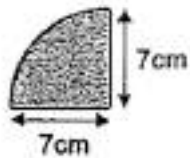
Question 8

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

The shaded figure is a quadrant of radius 7 cm. *What is the perimeter of the shaded figure?*
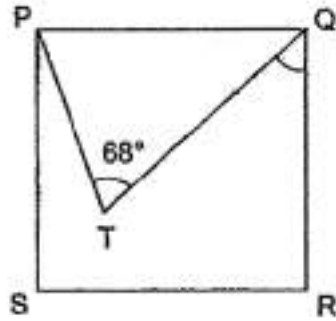
(Take $\pi = \frac{22}{7}$)

A. 11cm

B. 18cm

✔ **C.** 25cm

D. 58cm

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,085

↗ Answers | *✎ Edit* | *⊡ Duplicate* | *✦ Used In* | *⇕ Reorder*   Remove From Test

Question 9

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

In the figure below, PQRS is a square, PQ = QT and ∠ PTQ = 68°.
Find ∠*TQR*.

A. 22

B. 34

C. 44

✔ **D.** 46

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Thu 30th Sep 2021*
Last Modified:	*N/A*
QID#:	*29,185,087*

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

Question 10

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

The figure below is made up of a big circle and a small circle. O is the
centre of the big circle. AB is the diameter of the big circle. OB is the
diameter of the small cricle. The radius of the small circle 10cm. Find
the area of the big circle in terms of π.

A. 40πcm2
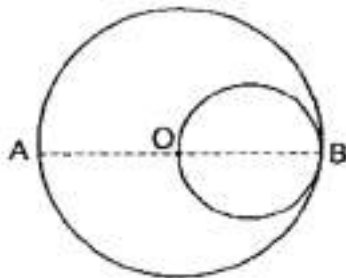
B. 100πcm2

   C. $300\pi cm2$

✔ **D.** $400\pi cm2$

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,089

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

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Question 11

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

Dora used 4 cups of water and 1 cup of orange syrup to make a jug go orange drink. She used a total of 80 cups of water and orange syrup. How many jugs of orange drink did she make?

   A.   14

✔ **B.**   16

   C.   20

   D.   80

Question Type:	Multiple Choice
Randomize Answers:	No
Date Added:	Thu 30th Sep 2021
Last Modified:	N/A
QID#:	29,185,094

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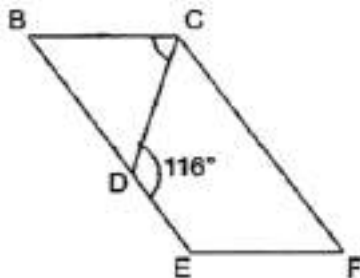

Question 12

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

BCD is an isosceles triangle and BCFE is a parallelogram. BDE is a straight line. ∠ CDE = 116°. Find ∠BCD.

✔ **A.**   52

   B.   58

   C.   62

D.   64

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#:   29,185,097

↗ Answers | ✏ Edit | ⧉ Duplicate | ➹ Used In | ⇕ Reorder   Remove From Test
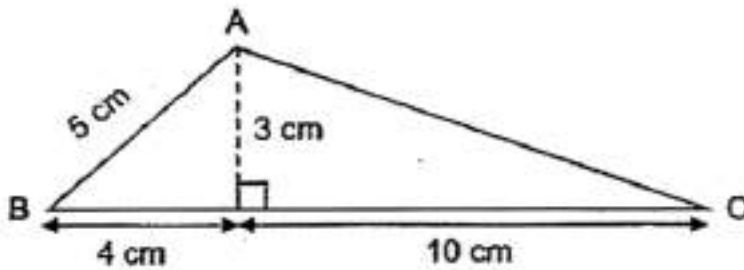
Question 13   *Primary 6 Math* » Primary 6 Math (Term 2)   1 pt

What is the area of Triangle ABC as shown in the figure below?

✔ A.   21cm2

B.   35cm2

C.   42cm2

D.   70cm2

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
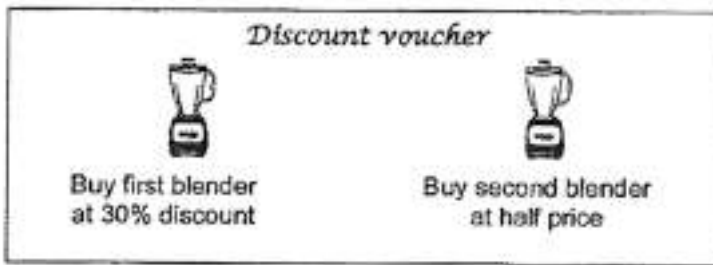*Last Modified:*   N/A
QID#:   29,185,098

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

Question 14   *Primary 6 Math* » Primary 6 Math (Term 2)   1 pt

Discount voucher

Buy first blender
at 30% discount

Buy second blender
at half price

Mrs Lim paid $240 for two blenders by using the discount voucher as shown above. How much did she save on the two blenders?

A. $40

B. $60

✓ C. $160

D. $192

Question Type: *Multiple Choice*
Randomize Answers: *No*
Date Added: *Thu 30th Sep 2021*
Last Modified: *N/A*
QID#:   *29,185,102*

⤢ Answers | ✏ Edit | ⊡ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
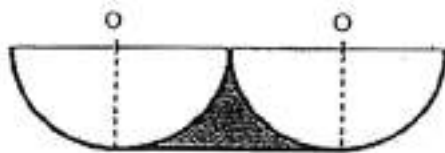
Question 15   *Primary 6 Math* » Primary 6 Math (Term 2)   1 pt

The figure shows two identical semicircles where O is the centre of the semicircles. The radius of the semicircles is 10cm. Find the perimeter of the shaded part. (Take $\pi = 3.14$)

A. 31.4cm

B. 35.7cm

✓ C. 51.4cm

D. 82.8

Question Type:	*Multiple Choice*
Randomize Answers:	*No*
Date Added:	*Thu 30th Sep 2021*
Last Modified:	*N/A*
QID#:	*29,185,107*

⤢ Answers | ✎ Edit | ⊞ Duplicate | ➹ Used In | ⇕ Reorder   Remove From Test

Question 16

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

Find the value of 0.56x40

Accepted answers:

✔ 22.4

Question Type:	*Free Text*
Date Added:	*Thu 30th Sep 2021*
Last Modified:	*N/A*
QID#:	*29,185,129*

⤢ Answers | ✎ Edit | ⊞ Duplicate | ➹ Used In | ⇕ Reorder   Remove From Test

Question 17

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

Write one million, nine hundred and nine thousand and ninety in numeral.

Accepted answers:

✔ 1909090

Question Type:	*Free Text*
Date Added:	*Thu 30th Sep 2021*
Last Modified:	*N/A*
QID#:	*29,185,130*

⤢ Answers | ✎ Edit | ⊞ Duplicate | ➹ Used In | ⇕ Reorder   Remove From Test

Question 18

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

List all the common factors of 18 and 24.

___,___,___,....

Accepted answers:

✔ 1,2,3,6

✔ 1, 2, 3, 6

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#:   29,185,134

↗ Answers | ✎ Edit | ⎙ Duplicate | ➤ Used In | ⇕ Reorder   Remove From Test
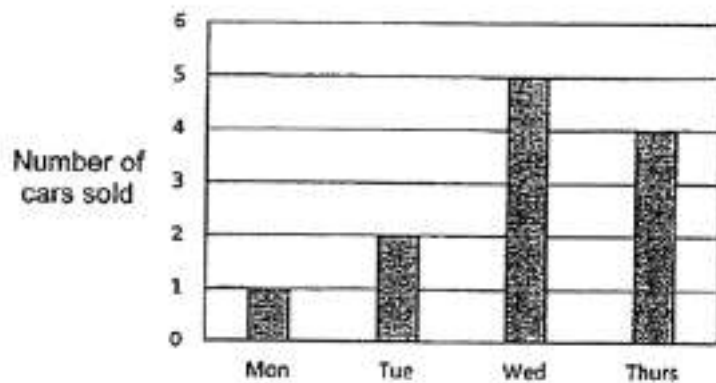
Question 19   *Primary 6 Math* » Primary 6 Math (Term 2)   1 pt

The graph shows the number of cars sold in a shop over 4 days.

On which day was $\frac{1}{6}$ of the total number of cars sold over the 4 days?

A. Mon

✓ **B.** Tue

C. Wed

D. Thurs

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#:   29,185,137

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

Question 20   *Primary 6 Math* » Primary 6 Math (Term 2)   1 pt

Raymond spent $\frac{3}{5}$ of his savings to buy 12 key chains. He wanted to buy another 12 similar key chains but realised that he was short of $8. What was the price of one key chain?

Accepted answers:

✓ 2

✓ $2

✓ $ 2

Question Type: *Free Text*
Date Added: *Thu 30th Sep 2021*
Last Modified: *N/A*
QID#: *29,185,141*

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

Question 21

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

Mrs Lee divided 18 kg of cashew nuts equally into some bags. There was $\frac{3}{8}$ kg of cashew nuts in each bag. How many bags were there?

Accepted answers:

✓ 48

Question Type: *Free Text*
Date Added: *Thu 30th Sep 2021*
Last Modified: *N/A*
QID#: *29,185,157*

Correctly answered feedback

$18 \div \frac{3}{8} = 18 \times 8/3 \times \frac{18}{1} \times \frac{8}{3} = 48$

Incorrectly answered feedback

$$18 \div \frac{3}{8} = 18 \times 8/3 \times \frac{18}{1} \times \frac{8}{3} = 48$$

Question 22

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

In a room, 21 pupils do not wear glasses. This is 30% of the total number of pupils in the room. How many pupils are there in the room?

Accepted answers:

✔ 70

Question Type:	*Free Text*
Date Added:	*Thu 30th Sep 2021*
Last Modified:	*N/A*
QID#:	*29,185,167*

Correctly answered feedback

1% - 21÷30=0.7
100% - 0.7x100=70

Incorrectly answered feedback

1% - 21÷30=0.7
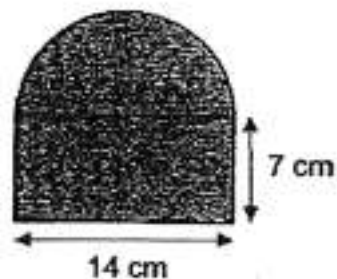100% - 0.7x100=70

Question 23

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

The figure below is made up of a semicircle and a rectangle. Find the area of the figure. (Take $\pi = \frac{22}{7}$)

7 cm

14 cm

Accepted answers:

✔ 175cm2

✔ 175 cm2

✔ 175

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#:   29,185,211

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

Question 24
Primary 6 Math » Primary 6 Math (Term 2)   1 pt

The price of a belt is $b. The price of a wallet is $10 more than the price of a belt. James bought 3 belts and 2 wallets. How much did he spend altogether? Give your answer in terms of b.

Accepted answers:

✔ $(5b+20)

✔ $ (5b+20)

✔ (5b+20)

Question Type: Free Text
Date Added: Thu 30th Sep 2021
Last Modified: N/A
QID#:   29,185,224

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

Question 25
Primary 6 Math » Primary 6 Math (Term 2)   1 pt

The mass of Leon is $\frac{1}{3}$ of the mass of Max. The mass of Nick is $\frac{1}{2}$ of the total mass of the Leon and Max. What is the ratio of the mass of Leon to the mass of Max to the mass of Nick?

Accepted answers:

✔ 1:3:2

Question Type: *Free Text*
Date Added: *Thu 30th Sep 2021*
Last Modified: *N/A*
QID#:   *29,185,228*

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

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