## ClassMarker

## Primary 5 Maths (Term 4) - Ai Tong (2020)

```
Duplicate
```


## Test Introduction

+ Add Introduction

58 Questions (98 Points)

| Test Questions | 0 Test Assignments |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Question 1 |  |  |  | Primary 5 Maths » Primary 5 Maths (Term 4) | 1 pt |
| What is the value of the digit 7 in 397014 ? |  |  |  |  |  |
| A) 70 |  |  |  |  |  |
| B) 700 |  |  |  |  |  |
| , C) 7000 |  |  |  |  |  |
| D) 70000 |  |  |  |  |  |
| Question Type: Multiple Choice <br> Randomize Answers: No <br> Date Added: Sun 12th Sep 2021 <br> Last Modified: N/A <br> QID\#: $28,993,393$ |  |  |  |  |  |
| $\mathbf{k}^{\boldsymbol{\chi}}$ Answers | dit \| Crbuplicate | 1 Used In | - Reorder | Rem | Test |

## Question 2

Which of the following is equivalent to 163200 / 200 ?
A) $163200 / 2 \times 100$
B) $163200 \times 2 / 100$
C) $163200 \times 100 \times 2$
(D) $163200 / 100 / 2$

Question Type:
Multiple Choice
Randomize Answers:
Date Added:
Last Modified:
QID\#:

## Question 3

## How many thirds are there in $6 \frac{2}{3}$ ?

A) 62
B) 20
C) 18
D) 15

Question Type:
Multiple Choice
Randomize Answers: No
Date Added: Sun 12th Sep 2021
Last Modified:
QID\#:

N/A
28,993,402
$\qquad$
Question 4

Arrange the following from the smallest to the largest in value.
$1.03,1.35$
(A)

## Smallest

1.03
1.35

## Largest

$1 \frac{3}{5}$
B)


### 1.35

C)

1.35
D)

1.03, $1 \frac{3}{5}$

Question Type:
Randomize Answers:
Date Added:
Last Modified: QID\#:

Multiple Choice
No
Sun 12th Sep 2021
N/A
28,993,407

## $\mathbf{k}^{\star}$ Answers | Edit | Duplicate | 4 Used In | $\stackrel{\rightharpoonup}{\text { Reorder }}$

## Question 5

In the number line below, what value does the letter X stand for?

A) 11.003
B) 11.006
C) 11.03
D) 11.06

Question Type:
Randomize Answers:
Date Added:
Last Modified:
QID\#:

Multiple Choice
No
Sun 12th Sep 2021
N/A
28,993,410

The area of a square is $36 \mathrm{~cm}^{2}$. What is its perimeter?
A) 6 cm
B) 9 cm
C) 24 cm
D) 81 cm

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,413$ |

## $\mathbf{k}^{\boldsymbol{x}}$ Answers Edit E Duplicate| $\mathbb{4}$ Used In $\mid \leqslant$ Reorder

## Question 7

There are 50 teachers in Changi Primary School. 38 of them are female. What percentage of the teachers are female teachers?
A) $24 \%$
B) $38 \%$
C) $62 \%$
(D) $76 \%$

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: $\quad 28,993,418$
« Answers | Edit | 约Duplicate | $\mathbb{1}$ Used In | $\stackrel{\Delta}{*}$ Reorder

## Question 8

Yong Qing drew a figure with 12 identical squares. He shaded 5 squares, What is the least number of squares that he still needed to shade so that the figure has a line of symmetry?

A) 1
B) 2
C) 3
D) 4

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,420$ |

```
**Answers | Edit | EDDuplicate | 4 Used In | 仓 Reorder
```

Question 9

In the figure, all the lines meet at point S. PSQ and RST are straight lines.
Find $\angle y$.

A) $128^{\circ}$
B) $90^{\circ}$
(C) $87^{\circ}$
D) $52^{\circ}$

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,426$ |



Question 10

In the figure below, $B C D E$ is a trapezium and $A B C D$ is a parallelogram. *


Which of the following statements is true?
(A) Angle BAD + Angle ADC $=180^{\circ}$
B) Angle BCD + Angle EDC $=180^{\circ}$
C) Angle AED = Angle BCD
D) Angle EDA = Angle EAD

## Question Type:

Randomize Answers:
Date Added:
Last Modified:
QID\#:

## Multiple Choice

No
Sun 12th Sep 2021
N/A
28,993,435

```
** Answers
```


## Question 11

In the figure below, ABC is an equilateral triangle and BCD is a straight line. $\angle A D C=37^{\circ}$, Find $\angle C A D$.

A) $60^{\circ}$
B) $53^{\circ}$
C) $37^{\circ}$
(D) $23^{\circ}$

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,442$ |

```
**Answers | Edit | EDDuplicate | 4 Used In | 仓ि Reorder
```


## Question 12

Jolene cut a ribbon 10.8 m long into three pieces. The first piece is 2 times as long as the second piece. The second piece is 3 times as long as the third piece. How long is the first piece?
A) 7.20 m
B) 6.48 m
C) 2.16 m
D) 1.08 m

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,453$ |

## Question 13

A pencil case contains markers of three different colours. The ratio of the number of black markers to the number of the other markers is $1: 3$. The ratio of the number of purple markers to the number of red markers is $2: 3$. What is the ratio of the number of black markers to the number of purple markers?
A) $1: 2$
B) $1: 3$
C) $5: 6$
D) $5: 9$

## Question Type:

Multiple Choice
Randomize Answers: No
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#:
28,993,466
$\star^{\star}$ Answers | Edit | \&

The table shows the postal charges for sending a parcel to Country $A$.

| Mass of parcel | Charge |
| :---: | :---: |
| Up to 8 kg | $\$ 9$ per kg |
| Every additional kilogram | $\$ 11$ per kg |

How much does it cost to send a parcel weighing 12 kg to Country A?
A) $\$ 132$
B) $\$ 116$
C) $\$ 83$
D) $\$ 53$

Question Type:
Multiple Choice
Randomize Answers: No
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: $\quad 28,993,469$

## 

## Question 15

Zhi Qiang stacked 8 unit cubes and glued them together to form a solid. He then drew the front and side views of the solid by shading squares in a square grid as shown.


Front view


Side view

Which of the following shows the solid that Zhi Qlang formed?
$\checkmark$ A)



| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| RID\#: | $28,993,482$ |

```
**Answers | Edit | EDuplicate | 4 Used In | 仓ि Reorder
```

Question 16

Form the smallest 5 -digit odd number using all the digits below.


## Accepted answers:

12385
/ 12385
12,385
12, 385
/ 12,385
/12,385

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| RID\#: | $28,993,496$ |

$\boldsymbol{k}^{\boldsymbol{x}}$ Answers | Edit | E Duplicate | 1 Used In | 合 Reorder
Remove From Test

Question 17

Find the value of $88+12 \times 8 / 4$.

Accepted answers:
112

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,497

## Question 18

Find the value of 20.2-3.85.

## Accepted answers:

16.35
16. 35
16.35
16.35

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,502

## 

Question 19

## What is the missing number in the <br> $\square$

$$
7: \square=3: 18
$$

## Accepted answers:

/ 42

## Question Type: Free Text

Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,504
$\qquad$

## Question 20

Mr Goh bought $\frac{11}{12} \mathrm{~kg}$ of sugar. He used $\frac{2}{5}$ of it to bake some tarts.
How much sugar did he have left? Give your answer as a fraction in the simplest form.

Accepted answers:
$\checkmark 11 / 20$
$\checkmark 11 / 20$
$\checkmark 11 / 20 \mathrm{~kg}$
$\checkmark 11 / 20 \mathrm{~kg}$
ح $11 / 20 \mathrm{~kg}$
/ 11 / 20kg

Question Type: Free Text
Date Added:
Last Modified:
N/A

QID\#:
$\star^{\star}$ Answers

Question 21

For a Treasure Hunt activity, seven checkpoints were marked out as shown in the square grid below. A is north of B .


In which direction is $G$ from $F$ ?

## Accepted answers:

$\checkmark$ South

```
Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID#:
28,993,517
```



For a Treasure Hunt activity, seven checkpoints were marked out as shown in the square grid below. A is north of B .


Sam is at one of the checkpoints. He is facing B. When he turns $90^{\circ}$ anti-clockwise, he faces D. Which checkpoint is Sam at?

## Accepted answers:

$\checkmark$ Checkpoint C
$\checkmark$ c

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: $\quad 28,993,524$
$«^{\pi}$ Answers | Edit | Duplicate | 4 Used In | $\stackrel{\Delta}{*}$ Reorde
Remove From Test
Question 23


Sarah earred the same amount of money every month. She saved ary amount that was not spent inbo hor bark account.

In which month did she save the most amount of money?

## Accepted answers:

$\checkmark$ Febuary

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,530$ |

```
* Answers | Edit EDDuplicate | Used In | * Reorder
```

Remove From Tes

Question 24


## Accepted answers:

May

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,531$ |

${ }^{\star}$ Answers

## Express $\frac{4}{7}$ as a decimal correct to the nearest tenth.

## Accepted answers:

/ 0.6
0.6
0.6
0.6

## Question 26

## Chandra bought a bicycle which was sold at a discount during a sale．

## How much discount was given for the bicycle？



## Accepted answers：

$\checkmark$ \＄52
$\checkmark \$ 52$
$\checkmark 52$

Question Type：Free Text
Date Added：
Last Modified：
QID\＃：

Correctly answered feedback
$\$ 650 / 100=6.50$
$6.50 \times 8=\$ 52$

Incorrectly answered feedback
$\$ 650 / 100=6.50$
$6.50 \times 8=\$ 52$
$\star^{\star}$ Answers｜Edit｜约Duplicate｜〒 Used In｜仑 Reorder
Remove From Test

## Question 27

A machine can print 300 greeting cards in 20 minutes．At this rat，how long will it take to print 1800 greeting cards？

## Accepted answers：

$\checkmark 120 \mathrm{~min}$
$\checkmark 120 \mathrm{~min}$
$\checkmark 120$ minutes
$\checkmark 120$

| Question Type： | Free Text |
| :--- | :--- |
| Date Added： | Sun 12th Sep 2021 |
| Last Modified： | N／A |

Mrs Cheng has enough money to buy exactly 24 pens at 3 for $\$ 5$ or exactly 50 erasers. How much does each eraser cost?

## Accepted answers:

\$0.80
$\$ 0.80$
\$0. 80
$\checkmark \$ 0.80$
$\checkmark \$ 0.80$
$\checkmark \$ 0.80$
$\checkmark \$ 0.80$
$\checkmark \$ 0.80$
$\checkmark 0.80$
$\checkmark 0.80$
$\checkmark 0.80$
0.80

Question Type:
Date Added:
Last Modified:
QID\#:

Free Text
Sun 12th Sep 2021
N/A
28,993,548

Correctly answered feedback
$24 / 3=8$
$8 \times 5=40$
$\$ 40 / 50=\$ 0.80$

Incorrectly answered feedback
$24 / 3=8$
$8 \times 5=40$
$\$ 40 / 50=\$ 0.80$

The table shows the number of bottles and cans collected by three classes for a recycling event.

| Class | Number of bottles | Number of cans |
| :---: | :---: | :---: |
| 5 A | 23 | 17 |
| 5 B | 16 | 34 |
| 5 C | 45 | 15 |
| Total | 84 | 66 |

Which class collected $40 \%$ of all the items?

Accepted answers:
$\checkmark$ 5C
5C

Question Type: Free Text
$\begin{array}{ll}\text { Date Added: } & \text { Sun 12th Sep } 2021 \\ \text { Last Modified: } & \text { N/A }\end{array}$
QID\#: 28,993,552

```
**Answers | Edit | &
```

Question 30

The table shows the number of pages of a book Aini read in 4 days.

| Day | Monday | Tuesday | Wednesday | Thursday |
| :---: | :---: | :---: | :---: | :---: |
| Number of <br> pages | 29 | 0 | 5 | 38 |

What was the average number of pages Aini read each day?

Accepted answers:
18
18 pages

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified N/A
QID\#: 28,993,554

Correctly answered feedback
$29+0+5+38=72$
$72 / 4=18$

```
**Answers | Edit | &}\mathrm{ Duplicate | 4 Used In | 仓 Reorder
```


## Question 31

Siti had 60 more photocards than Rita at first. After Rita gave 24 of her photocards to Siti, Siti ad 3
times as many photocards as Rita. How many photocards did Rita have in the end?

Accepted answers:
54
/ 54 photocards

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified:
N/A
QID\#
28,993,558

```
Correctly answered feedback
24+60+24=108
108 / 2 = 54
```

Incorrectly answered feedback
$24+60+24=108$
$108 / 2=54$

```
* Answers
20) Duplicate 1 Used In - Reorder
Remove From Test
```

The diagram below shows triangles inside rectangle $A B Z X$.


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

| Statement | True | False | Not possible <br> to tell |
| :--- | :--- | :--- | :--- |
| Triangle ABC has the same <br> area Bs Triangle XYZ |  |  |  |
| Triangle AXC has the same <br> area as Triangle BCZ. |  |  |  |


| Clue | Match |
| :--- | :---: |
| Triangle ABC has the same area as | True |
| Triangle XYZ. |  |
| Points: $+1-0$ |  |

Triangle AXC has the same area as Triangle BCZ.

Points: +1-0

Incorrect match option
False

Question Type: Matching
Shuffle Mode: Shuffle Matches Only
Date Added:
Sun 12th Sep 2021
Last Modified:
QID\#:
N/A
28,993,566

## 

Remove From Test

## Question 33

The figure below shows a right-angled triangle, $A B C$, drawn on a square grid,

|  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | $\cdots$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  | $B$ |  |  | A |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

$A B X$ is a right-angled triangle with the same area as triangle $A B C$. Draw triangle $A B X$ on the square grid such that $A B X$ does not overlap with triangle $A B C$. Label point $X$. (1 mark)

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: Sun 12th Sep }202
Last Modified: N/A
QID#:
    28,993,584
```

Correctly answered feedback


Incorrectly answered feedback


## 

## Question 34

The figure below shows a right-angled triangle, ABC, drawn on a square grid.

|  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | $\cdots$ |  |  | C |  |  |  |

$A C D E$ is a rectangle that has twice the area of triangle $A B C$. Draw rectangle $A C D E$ on the square grid such that ACDE does not overlap with triangle $A B C$. Label points $D$ and $E$. (1 mark)

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: Sun 12th Sep 2021
Last Modified: N/A
QID\#:

Correctly answered feedback


Question 35

What is the price of the television set after adding 7\% GST?


Accepted answers:
$\checkmark$ \$1068.93
$\checkmark \$ 1068.93$
$\checkmark \$ 1068$. 93
<br>\$1068. 93
$\checkmark$ \$1 068.93
$\checkmark \$ 1068.93$
<br>\$1 068 . 93
$\checkmark \$ 1068.93$
$\checkmark$ \$1,068.93
$\checkmark$ \$1,068. 93
$\checkmark$ \$1,068 .93
$\checkmark$ \$1,068. 93
$\checkmark$ \$ 1068.93
$\checkmark$ \$ 1068 . 93
$\checkmark$ \$ 1068. 93
$\checkmark$ \$ 1068 . 93
$\checkmark 1068.93$
$\checkmark 1,068.93$
\ \$ 1,068.93
$\checkmark$ \$ 1,068. 93

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified:
N/A
QID\#:

Correctly answered feedback
$999 / 100=9.99$
$9.99 \times 107=\$ 1068.93$

Incorrectly answered feedback
$999 / 100=9.99$
$9.99 \times 107=\$ 1068.93$


Question 36

1 pie and 1 muffin cost $\$ 5.95$.
3 pies and 2 muffins cost $\$ 15.70$.
How much does 1 pie cost?

## Accepted answers:

/ \$3.80
\$3. 80
/ $\$ 3.80$
$\checkmark \$ 3.80$
/ \$ 3.80
V \$ 3.80
/ \$ 3.80
$\checkmark \$ 3.80$
$\checkmark 3.80$
$\checkmark 3.80$
$\checkmark 3.80$
3.80

Question Type: Free Text

| Date Added: | Sun 12th Sep 2021 |
| :--- | :--- |
| Last Modified: | N/A |

Last Modied.
28,993,599

Correctly answered feedback
$5.95 \times 2=11.90$
$15.70-11.90=\$ 3.80$

Incorrectly answered feedback
$5.95 \times 2=11.90$
$15.70-11.90=\$ 3.80$

```
* Answers | Edit | Duplicate 1 Used In | \(\stackrel{\Delta}{\text { Reorder }}\)
```

Question 37

The figure below is made up of 5 identical isosceles triangles. Find $\angle 9$.


## Accepted answers:

$\checkmark 54$
$\checkmark 54$ degree
$\checkmark 54$ degrees

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,604

Correctly answered feedback
$360 / 5=72$
$180-72=108$
$108 / 2=54^{\circ}$

Incorrectly answered feedback
$360 / 5=72$
$180-72=108$
$108 / 2=54^{\circ}$

```
**Answers | Edit | ConDuplicate | \ Used In | & Reorder
```

Remove From Test

## Question 38

Eileen arranged 180 red and white beads in a circle to make a decoration for National Day
celebrations. She arranged 3 red beads between every 2 white beads. How many white beads did she use?

## Accepted answers:

45
45 white beads

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,612$ |

```
Correctly answered feedback
180 / 4 = 45
45 \times1=45
```

Incorrectly answered feedback
$180 / 4=45$
$45 \times 1=45$

## Question 39

In the figure, PVT and SVU are straight lines. $\angle P V R$ is a right angle. $\angle S V T=68^{\circ}$ and $\angle Q V T=149^{\circ}$. Find $\angle \mathrm{QVU}$.


## Accepted answers:

99 degree
99 degrees
99

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,625

```
Correctly answered feedback
\(90-68=22\)
\(190-90-22=68\)
\(68+31=99^{\circ}\)
```

Incorrectly answered feedback
90-68 = 22
$190-90-22=68$
$68+31=99^{\circ}$

## ${ }^{\star}$ Answers

There were 252 more cars than motorcycles in a car park.
$\frac{1}{4}$ of the number of cars was equal to $\frac{3}{5}$ of the number of motorcycles. How many cars and motorcycles were there altogether?

## Accepted answers:

612

## Question Type: Free Text

$\begin{array}{ll}\text { Date Added: } & \text { Sun 12th Sep } 2021 \\ \text { Last Modified: } & \text { N/A }\end{array}$
QID\#: 28,993,631

```
Correctly answered feedback
12-5 = 7
252 / 7 = 36
12+5=17
36 x 17 = 612
```

```
Incorrectly answered feedback
12-5 = 7
252 / 7 = 36
12+5=17
36\times17=612
```


## $x^{\text {n }}$ Answers

Grandma Ling gave a sum of money to her daughter and three grandchildren in the ratio $4: 9$. Each grandchild received $\$ 627$. How much was this sum of money that Grandma Ling gave to the four of them?

Accepted answers:

## Question Type:

Date Added: Last Modified: QID\#:

Free Text
Sun 12th Sep 2021
N/A
28,993,642

Correctly answered feedback
$627 \times 3=1881$
$1881 / 9=209$
$9+4=13$
$209 \times 13=\$ 2717$

Incorrectly answered feedback
$627 \times 3=1881$
$1881 / 9=209$
$9+4=13$
$209 \times 13=\$ 2717$


## Question 42

In the figure below, $A B C D$ is a quadrilateral. $A B=B C$ and $A D=A X$. $\angle A B C=76^{\circ}$ and $\angle A X C=106^{\circ}$.


Find Angle DAX.

## Accepted answers:

32 degree
32 degrees
32

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#:
28,993,650

Correctly answered feedback
$180-106=74$
$180-74-74=32^{\circ}$

Incorrectly answered feedback
$180-106=74$
$180-74-74=32^{\circ}$

```
\(\mathbf{*}^{x}\) Answers | Edit | 4 Duplicate | Used In | \(\stackrel{\rightharpoonup}{\text { Reorder }}\)
```


## Question 43

In the figure below, $A B C D$ is a quadrilateral. $A B=B C$ and $A D=A X$. $\angle A B C=76^{\circ}$ and $\angle A X C=106^{\circ}$.


Choose the word/words that describes/describe ABCD correctly in the following statement:
ABCD $\qquad$ a parallelogram.
A) is
B) is not

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,654$ |

$\mathbf{*}^{\wedge}$ Answers | Edit | \& Duplicate | 4 Used In | $\stackrel{\rightharpoonup}{\text { Reorder }}$

Question 44

The table shows the fare rates of a taxi service:

| Distance travelled | Rate |
| :---: | :---: |
| $1^{\#}$ kilometre or less | $\$ 3.70$ |
| Every 400 m thereafter or less | $22 \phi$ |

Mr Richards paid \$9.64 for a taxi ride. What was the greatest possible distance he travelled in the taxi?

## Accepted answers:

$\checkmark 11.8 \mathrm{~km}$
/ 11.8 km
11.8

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Sun 12th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $28,993,660$ |

Correctly answered feedback
$9.64-3.70=\$ 5.94$
$5.94 / 0.22=27$
$27 \times 400=10800 \mathrm{~m}$
$10800 \mathrm{~m}=10.8 \mathrm{~km}$
$10.8+1=11.8 \mathrm{~km}$

Incorrectly answered feedback
$9.64-3.70=\$ 5.94$
$5.94 / 0.22=27$
$27 \times 400=10800 \mathrm{~m}$
$10800 \mathrm{~m}=10.8 \mathrm{~km}$
$10.8+1=11.8 \mathrm{~km}$
$\boldsymbol{*}^{\boldsymbol{x}}$ Answers | Edit | Con Duplicate | $\mathbb{1}$ Used In | $\stackrel{\rightharpoonup}{\text { Reorder }}$
Remove From Test

## Question 45

60 men and 50 women enrolled in a course to learn computing skills. The average age of the men was 52 years while the average age of the women was 41 years.

Find the average age of all the men and women who enrolled in the course.

Accepted answers:
47

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified:
QID\#:
N/A
28,993,668

Correctly answered feedback
$60 \times 52=3120$
$50 \times 41=2050$
$2050+3120=5170$
$60+50=110$
$5170 / 110=47$

Incorrectly answered feedback
$60 \times 52=3120$
$50 \times 41=2050$
$2050+3120=5170$
$60+50=110$
$5170 / 110=47$

## Question 46

60 men and 50 women enrolled in a course to learn computing skills. The average age of the men was 52 years while the average age of the women was 41 years.

When the 10 instructors were included, the average age of everyone at the course became 45 years.
What was the average age of the instructors?

## Accepted answers:

```
23
```

Question Type: Free Text

Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: $\quad 28,993,675$

Correctly answered feedback
$110+10=120$
$120 \times 45=5400$
$5400-5170=230$
$230 / 10=23$

Incorrectly answered feedback
$110+10=120$
$120 \times 45=5400$
$5400-5170=230$
$230 / 10=23$
$«^{\star}$ Answers | Edit | R Duplicate | 1 Used In | 冬 Reorder From Test

## Question 47

Figure 1 shows a rectangular piece of paper. The bottom left and right corners of the piece of paper were folded to form two identical triangles $A B C$ and $E B D$ as shown in Figure 2. $B C=B D=C D$.


Figure 1

What is the length of CD?

Accepted answers:
$\checkmark 8$
$\checkmark 8 \mathrm{~cm}$
$\checkmark 8 \mathrm{~cm}$

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,688

Correctly answered feedback
$24 / 3=8 \mathrm{~cm}$

Incorrectly answered feedback
$24 / 3=8 \mathrm{~cm}$

```
\(\mathbf{*}^{\wedge}\) Answers Edit Duplicate 4 Used \(\ln \mid \stackrel{\rightharpoonup}{\text { R }}\) Reorder
```


## Question 48

Figure 1 shows a rectangular piece of paper. The bottom left and right corners of the piece of paper were folded to form two identical triangles $A B C$ and $E B D$ as shown in Figure 2. $B C=B D=C D$.


Figure 1
Figure 2

Find the total area of the shaded parts in Figure 2.

Accepted answers:
$\checkmark 352$
/ 352 cm square
352 cm square

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified
N/A
QID\#:
28,993,701

```
Correctly answered feedback
24\times26=624
1/2 x 8 x 17=68
624-(4 x 68) = 352
```

```
Incorrectly answered feedback
24\times26=624
1/2 x 8 x 17=68
624-(4 x 68) = 352
```

```
**Answers | Edit | EDDuplicate | 4 Used In | 仓े Reorder
```


## Question 49

A group of students had to fold some origami shapes for a project.
They folded 175 shapes on the first day and $\frac{5}{8}$ of the remaining shapes on the second day. After that, they still had $\frac{1}{5}$ of all the shapes to be folded.

What fraction of all the shapes were folded on the first day? Give your answer in the simplest form.

## Accepted answers:

7/15
$7 / 15$

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,709
$\mathbf{x}^{\boldsymbol{n}}$ Answers | Edit | 纪Duplicate | 4 Used In | 令 Reorder
Remove From Test

## Question 50

A group of students had to fold some origami shapes for a project.
They folded 175 shapes on the first day and $\frac{5}{8}$ of the remaining shapes on the
second day. After that, they still had $\frac{1}{5}$ of all the shapes to be folded.

How many shapes did the students have to fold in all?

Accepted answers:
$\checkmark 375$
$\checkmark 375$ shapes

Question Type:
Date Added:
Last Modified:
QID\#:

Correctly answered feedback
$175 / 7=25$
$25 \times 15=375$

Incorrectly answered feedback
$175 / 7=25$
$25 \times 15=375$

At first, $\frac{1}{5}$ of container A was filled with water and container B was emply, Then, both taps were turned on at the same time and water from both taps flowed at the same rale of 1.2 litres per minute. Both taps were tumed off immediately when container A was filled to the brim.


How much water was there in Container A at first?

## Accepted answers:

$\checkmark 12000$
\12000
12,000
12, 000
12,000
12,000
12000 litres
12,000 litres
12, 000 litres
/12,000 litres
12000 litres

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,728

Correctly answered feedback
$1 / 5 \times(60 \times 25 \times 40)=12000$

Incorrectly answered feedback
$1 / 5 \times(60 \times 25 \times 40)=12000$


Remove From Test

At first, $\frac{1}{5}$ of container A was filled with water and container B was emply,
Then, both taps were turned on at the same time and water from both taps flowed at the same rate of 1.2 Iltres per minute. Both taps were tumed off immediately whan container A was filled to the brim.


How long did it take for the water from the tap to fill Container A to the brim?

## Accepted answers:

$\checkmark 40$
$\checkmark 40$ minutes
$\checkmark 40 \mathrm{~min}$
$\checkmark 40$ min
$\checkmark 40 \mathrm{mins}$
$\checkmark 40$ mins

Question Type:
Date Added:
Last Modified:
QID\#:

Free Text
Sun 12th Sep 2021
N/A
28,993,737

Correctly answered feedback
$4 / 5 \times(60 \times 25 \times 40)-48000$
$48000 / 1200=40$

Incorrectly answered feedback
$4 / 5 \times(60 \times 25 \times 40)-48000$
$48000 / 1200=40$

## * Answers | Edit \& Duplicate | 1 Used In | $\stackrel{\Delta}{\text { Reorder }}$

Question 53

At first, $\frac{1}{5}$ of container A was filled with water and container B was emply, Then, both taps were turned on at the same time and water from both taps flowed at the same rale of 1.2 litres per minute. Both taps were tumed off immediately when container A was filled to the brim.


What fraction of container B was filled with water in the end? Give your answer in the simplest form.

Accepted answers:
5/7
/ $5 / 7$

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,743

Correctly answered feedback

## $\frac{48000}{67200}=\frac{5}{7}$

Incorrectly answered feedback

## $48000=\frac{5}{2}$ <br> $67200=\frac{7}{7}$

[^0]Remove From Test

## Question 54

There were 331 boys and girls in the canteen. After 91 boys and girls returned to their classrooms, $\frac{4}{5}$ of the boys and $\frac{2}{3}$ of the girls were still in the canteen.
How many boys were there in the canteen at first?

## Accepted answers:

$\checkmark 145$
$\checkmark 145$ boys

```
Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: \(\quad 28,993,750\)
```

Correctly answered feedback
$91 \times 3=273$
$331-273=58$
$58 / 2=29$
$29 \times 5=145$

Incorrectly answered feedback
$91 \times 3=273$
$331-273=58$
$58 / 2=29$
$29 \times 5=145$

## $*^{x}$ Answers | Edit | 饮Duplicate | 1 Used In | $\stackrel{\rightharpoonup}{\text { F Reorder }}$

Remove From Test

## Question 55

A container $\frac{3}{4}$-full of rice had a mass of 5.85 kg . When some rice was scooped out until the container became $\frac{1}{3}$ full, the mass became 3.1 kg .

How much rice was scooped out? Give your answer in kg and g .

## Accepted answers:

/ 2kg 750g
/ 2 kg 750 g

## Question Type: Free Text

Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,760

[^1]```
Incorrectly answered feedback
5.85-3.1 = 2.75kg
2.75kg = 2kg 750g
```

**Answers | Edit | EDuplicate | 4 Used In | 合 Reorder

# A container $\frac{3}{4}$-full of rice had a mass of 5.85 kg . When some rice was scooped out until the container became $\frac{1}{3}$ full, the mass became 3.1 kg . 

What is the mass of the empty container?

## Accepted answers:

$\checkmark 0.9 \mathrm{~kg}$
0.9
$\checkmark 0.9 \mathrm{KG}$
0.9
$\checkmark 0.9$
$\checkmark 0.9$
$\checkmark 0.9 \mathrm{~kg}$
0.9 kg
/ 0.9 Kg
/ 0.9 Kg

## Question Type: Free Text

Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,769

Correctly answered feedback
$2.75 / 5=0.55$
$3.1-2.2=0.9 \mathrm{~kg}$

Incorrectly answered feedback
$2.75 / 5=0.55$
$3.1-2.2=0.9 \mathrm{~kg}$

## Question 57

Some pencils were shared equally among a class of 44 students, with no remainder. 8 students gave all their pencils to the rest of their classmates. As a result, their classmates received 2 more pencils each.

How many pencils were given away by the 8 students?

## Accepted answers:

72
72 pencils

Question Type: Free Text
Date Added: Sun 12th Sep 2021
Last Modified:
N/A
QID\#: 28,993,774

Correctly answered feedback
$44-8=36$
$36 \times 2=72$

Incorrectly answered feedback
$44-8=36$
$36 \times 2=72$

```
\(\mathbf{k}^{\wedge}\) Answers Edit Duplicate| 1 Used In | \(\stackrel{\rightharpoonup}{\text { Reorder }}\)
```


## Question 58

Some pencils were shared equally among a class of 44 students, with no remainder. 8 students gave all their pencils to the rest of their classmates. As a result, their classmates received 2 more pencils each.

How many pencils were there in all?

## Accepted answers:

396
396 pencils

## Question Type: Free Text

Date Added: Sun 12th Sep 2021
Last Modified: N/A
QID\#: 28,993,776

Correctly answered feedback
$72 / 8=9$
$9 \times 44=396$

Incorrectly answered feedback
$72 / 8=9$
$9 \times 44=396$


[^0]:    

[^1]:    Correctly answered feedback
    $5.85-3.1=2.75 \mathrm{~kg}$
    $2.75 \mathrm{~kg}=2 \mathrm{~kg} 750 \mathrm{~g}$

