## ClassMarker

## Primary 4 Maths (Term 2) - School NY



## Test Introduction

+ Add Introduction

55 Questions (98 Points)
Question Bank: 19,950 Questions

Test Questions
1 Test Assignment

## Question 1

Each question carries 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (A, B, C or D) and choose your correct answer.

In 17625 , what does the digit 6 stands for?
A) 6
B) 60
C) 600
D) 6000

## Question Type:

Multiple Choice
Randomize Answers: No
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,636,941$
$«^{\star}$ Answers | Edit | 级Duplicate | 1 Used $\ln \mid$ 合 Reorder

## Question 2

Which one of the following is 12814 in words?
A) Twelve thousand, eight hundred and forty
B) Twelve thousand, eight hundred and fourteen
C) Twelve thousand, eighty-one hundred and four
D) Twelve thousand, eight hundred and forty-one

Question Type：Multiple Choice
Randomize Answers：No
Date Added：Mon 14th Sep 2020
Last Modified： N／A
QID\＃：
23，636，955

## $\mathbf{k}^{*}$ Answers｜Edit｜组Duplicate｜ 4 Used In｜令 Reorder

## Question 3

Arrange the following numbers from the greatest to the smallest．
$51701,50800,55090,50648$
（A） 55 090， $51701,50800,50648$
B） $50648,50800,51701,55090$
C） $55090,50800,51701,50648$
D） $50648,51701,50800,55090$

## Question Type：

Randomize Answers：
Last Modified：N／A
QID\＃：$\quad 23,636,980$

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

## Question 4

Multiple Choice
No
Mon 14th Sep 2020

A number，when rounded to the nearest hundred，is 6000 ．Which one of the following is the number？

A） 5648
B） 5953
C） 6097
D） 6532

$$
\begin{array}{ll}
\text { Question Type: } & \text { Multiple Choice } \\
\text { Randomize Answers: } & \text { No } \\
\text { Date Added: } & \text { Mon 14th Sep } 2020 \\
\text { Last Modified: } & \text { N/A } \\
\text { QID\#: } & 23,636,984
\end{array}
$$

## $\mathbf{k}^{*}$ Answers｜Edit｜约Duplicate｜4 Used In｜合 Reorder

## Question 5

Which one of the following is not a factor of $63 ?$

A） 9
B） 7
C） 3
$\checkmark$ D) 6

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | N/A |
| QID\#: | $23,636,990$ |

## 

## Question 6

Which one of the following is an equivalent fraction of $3 / 8$ ?
A) $11 / 16$
B) $11 / 24$
C) $9 / 32$
D) $24 / 64$

## Question Type:

Randomize Answers:
Date Added: Mon 14th Sep 2020
Last Modified:
QID\#:

Multiple Choice
No
N/A
23,637,007
$x^{\star}$ Answers | Edit | 绍Duplicate | 1 Used In | 仑 Reorder

## Question 7

Arrange the following fractions from the smallest to the greatest.

A)

B)

C)
$\frac{5}{12}, \frac{1}{2}, \frac{3}{4}$
D)
$\frac{5}{12}, \frac{3}{4}, \frac{1}{2}$

Question Type:

## Multiple Choice

Randomize Answers: No
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,637,038

## $\boldsymbol{*}^{\boldsymbol{\wedge}}$ Answers | Edit | E Duplicate | 1 Used In | 令Reorder

## Question 8

What is the mixed number that is exactly halfway between $\frac{8}{7}$ and $\frac{12}{7}$ ?
A) $7 / 10$
B) $13 / 7$
C) $15 / 7$
D) $101 / 7$

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | N/A |
| QID\#: | $23,637,046$ |

$\star^{\star}$ Answers Edit 约Duplicate $\boldsymbol{4}$ Used $\ln \mid \stackrel{\rightharpoonup}{\boldsymbol{v}}$ Reorder

## Question 9

The figure below is made up of 28 identical hexagons. How many more hexagons must be shaded so that $4 / 7$ of the figure is shaded?

A) 7
B) 9
C) 3
D) 16

## Question Type:

Multiple Choice
Randomize Answers: No
Date Added: Mon 14th Sep 2020
Last Modified:
QID\#:
23,637,059

## $\mathbf{k}^{\star}$ Answers Edit $\mid$ Duplicate $\boldsymbol{4}$ Used $\ln \mid \hat{\nabla}$ Reorder

Question 10

In the figure below, which angle is a right angle?

A) Angle $A B C$
B) Angle AFE
C) Angle CDE
D) Angle DEF

## Question Type:

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

No
Multiple Choice

Mon 14th Sep 2020
N/A
23,637,068

## $\star^{\star}$ Answers | Edit | 组Duplicate | $\uparrow$ Used In | 令 Reorder

## Question 11

A number when divided by 8 gives a quotient of 832 with no remainder.
What is the number?
A) 104
B) 140
C) 6446
D) 6656

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | N/A |
| QID\#: | $23,637,078$ |

## Question 12

Which one of the following figures in the square grid below has both parallel lines and perpendicular lines?
A)

$\checkmark$ B)

C)

D)


## Question Type:

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

## Multiple Choice

No
Mon 14th Sep 2020
N/A
23,637,106

## Question 13

The clock below shows 2.50 pm now. The minute-hand makes a half-turn clockwise. What time will it be after the turn?

A) 2.20 pm
(B) 3.20 pm
C) 3.30 pm
D) 3.50 pm

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

## Question 14

Using all the digits given below, form the greatest 5 - digit odd number.
$5,8,0,2,1$
A) 85210
B) 85201
C) 81025
D) 10285

## Question Type: Multiple Choice

Randomize Answers: No
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,637,225$

## $\mathbf{*}^{\star}$ Answers | Edit | 组Duplicate | 4 Used In | 令 Reorder

## Question 15

Peter, John, Muthu and Albert speak a different foreign language, French, German, Japanese and Spanish, from each other. Each boy can only speak 1 foreign language. John speaks Spanish only. Peter does not speak German or French. Muthu speaks German only. Which foreign language does Albert speak?
A) French
B) German
C) Japanese
D) Spanish

Question Type:
Multiple Choice
Randomize Answers: No
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,637,246$
$\square$

- Edit |


## Question 16

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

Write down all the common factors of 16 and 28.
Ans: $\qquad$ , ,

Accepted answers:
$\checkmark 1,2,4$
$\checkmark 124$
$\checkmark 1,2,4$
$\checkmark 1,2,4$
$\checkmark 214$
$\checkmark 412$
$\checkmark 421$
$\checkmark 142$
$\checkmark 2,1,4$
$\checkmark$ 2,1,4
$\checkmark 2,4,1$
$\checkmark 1,2$ and 4
$\checkmark 2,1$ and 4
4,2 and 1
$4,2,1$
$4,2,1$
$2,4,1$
12 and 4
2,4,1
4,2,1

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,637,315
$\star^{n}$ Answers

```
& Edit Emplicate
```

4 Used In | ث Reorder
Remove From Test

## Question 17

Choose the number which is a multiple of 8
$\begin{array}{lllll}4 & 6 & 18 & 56 & 60\end{array}$

## Accepted answers:

56

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | N/A |
| QID\#: | $23,637,356$ |

* Answers | Edit| EDDicate| 4 Used $\ln \mid \stackrel{\rightharpoonup}{*}$ Reorder Remove From Test

In the space below, draw Angle $X Y Z=80^{\circ}$ and line $Y Z=5 \mathrm{~cm}$.
Mark and label Angle XYZ.
The line $X Y$ 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.

Please put "Done" in the question space below in order to proceed to the next question

Question Type: Essay

| Date Added: | Mon 14th Sep 2020 |
| :--- | :--- |
| Last Modified: | Mon 21st Sep 2020 |
| GID\#: | $23,637,451$ |

Correctly answered feedback


Incorrectly answered feedback


[^0]
## What is the size of $\angle C D E$ ?



## Accepted answers:

```
1 2 3
```

123 degrees

Question Type: Free Text

| Date Added: | Mon 14th Sep 2020 |
| :--- | :--- |
| Last Modified: | N/A |

Last Modified: N/A
QID\#:
23,637,508

Correctly answered feedback
$123^{\circ}$

Incorrectly answered feedback
$123^{\circ}$

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

Question 20

The figure shows a straight line $X Y$ and a point $W$.
Draw a line perpendicufar to line XY through point W .


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.

Please put "Done" in the question space below inorder to proceed to the next question

| Question Type: | Essay |
| :--- | :--- |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | Mon 21st Sep 2020 |
| QID\#: | $23,637,550$ |

Correctly answered feedback


[^1]
$x^{x}$ Answers | Edit | ebp Duplicate | 1 Used In | $\hat{\text { v Reorder }}$

The square grid below shows the seating arrangement of students in a classroom.

| Sophia <br> (girl) | Kenny <br> (boy) | Jia-En <br> (girl) | Ravi <br> (boy) |
| :---: | :---: | :---: | :---: |
| Max <br> (boy) | Siti <br> (girl) | Andie <br> (boy) | Huiyin <br> (girl) |
| Jay <br> (boy) | Paul <br> (boy) | Farah <br> (girl) | Steve <br> (boy) |
| Liting <br> (girl) | Shane <br> (boy) | Kumar <br> (boy) | Kit <br> (girl) |

a) Paul's brother is seated to the north of him. Who is his brother?

Accepted answers:
Kenny

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#:
23,637,935

The square grid below shows the seating arrangement of students in a classroom.

| Sophia <br> (girl) | Kenny <br> (boy) | Jia-En <br> (girl) | Ravi <br> (boy) |
| :---: | :---: | :---: | :---: |
| Max <br> (boy) | Siti <br> (girl) | Andie <br> (boy) | Huiyin <br> (girl) |
| Jay <br> (boy) | Paul <br> (boy) | Farah <br> (girl) | Steve <br> (boy) |
| Liting <br> (girl) | Shane <br> (boy) | Kumar <br> (boy) | Kit <br> (girl) |


b) Which student is seated south-west of Andie and south of Sophia?

Accepted answers:
$\checkmark$ Liting

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,637,945

## $\varkappa^{\pi}$ Answers Edit ED Duplicate 1 Used In |

Question 23

Aisah is facing the food centre now. How many degrees in the anti-clockwise direction must she turn if she wants to face the swimming pool?


Accepted answers:
225
225 degrees

Question Type: Free Text
$\begin{array}{ll}\text { Date Added: } & \text { Mon 14th Sep } 2020 \\ \text { Last Modified: } & \text { N/A }\end{array}$
QID\#:
23,637,956

Correctly answered feedback
$225^{\circ}$

Incorrectly answered feedback
$225^{\circ}$

```
* Answers | Edit | E. Duplicate | Used In | 仓े Reorder
```

Question 24

Complete the number pattern.
4584, 4884, 5184, 5484, $\qquad$ 6084

Accepted answers:
5784
5784
$\checkmark 5,784$
5, 784

5, 784

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | N/A |
| QID\#: | $23,637,962$ |

```
*^Answers | Edit | & Duplicate | \ Used In | 会Reorder
```

Remove From Test

## Question 25

Find the product of 209 and 56.

## Accepted answers:

$\checkmark 11704$
$\checkmark 11704$
$\checkmark 11,704$
$\checkmark 11,704$
11, 704
$\checkmark 11,704$

$$
\begin{array}{ll}
\text { Question Type: } & \text { Free Text } \\
\text { Date Added: } & \text { Mon 14th Sep } 2020 \\
\text { Last Modified: } & \text { N/A } \\
\text { QID\#: } & 23,637,969
\end{array}
$$

$*^{\wedge}$ Answers | Edit | © Duplicate | 4 Used In | 合 Reorder
Question 26

What is the remainder when you divide 2039 by 4 ?

Accepted answers:
3
R3
R 3
Remainder 3

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | N/A |
| QID\#: | $23,637,975$ |

## Question 27

Peter has more than 20 paper clips. He wants to pack the paper clips into boxes. He can pack all the paper clips into boxes of 6 with no leftover.
He can also pack all the paper clips into boxes of 9 with no leftover.
What is the smallest possible number of clips Peter can have?

## Accepted answers:

36
36 clips
$\checkmark 36$ paper clips

```
Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID#: 23,638,040
```

$\star^{\star}$ Answers | Edit | R Duplicate| $\uparrow$ Used $\ln \mid \stackrel{\rightharpoonup}{*}$ Reorder $\quad$ Remove From Test

## Question 28

Meena has 3768 buttons. Nancy has 280 more buttons than Meena. Siti has 450 fewer buttons than Nancy. How many buttons does Siti have?

## Accepted answers:

$\checkmark 3598$
/ 3598
3,598
3,598
3, 598
3 ,598 Buttons
3598 buttons
3,598 buttons
3598 buttons
3, 598 buttons

Question Type: Free Text
Date Added:
Mon 14th Sep 2020
Last Modified:
N/A
QID\#:

## ${ }^{*}$ Answers

How much milk was left in the carton?
Express your answer as a mixed number in its simplest form.


Ans: $\qquad$ litres

Accepted answers:
$\checkmark 22 / 5$ litres
$\checkmark 22 / 5 \mathrm{~L}$
$\checkmark 22 / 5 \mathrm{~L}$

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: Mon 21st Sep 2020
QID\#:

## Question 30

What is the missing number in the box?


Accepted answers:

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,652,069

Remove From Test

## Question 31

In the figure below, rectangle $A B C D$ is made up of 56 unit squares.
What fraction of rectangle $A B C D$ is shaded?


Accepted answers:
$\checkmark$ 9/14
$\checkmark 9 / 14$

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#:
23,652,113

## 

Remove From Test

Question 32

Mr Chin bought a cake. His son ate $2 / 3$ of the cake and his wife ate $1 / 4$ of the cake. What fraction of the cake was left?

Accepted answers:
1/12
$1 / 12$

## $1 / 12$ of the cake

1 / 12 of the cake

## Question Type: Free Text

Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,652,144$

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


## Question 33

Find the sum of 5 and $2 / 3$. Express your answer as an improper fraction in its simplest form.

## Accepted answers:

/ $17 / 3$
$17 / 3$

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,652,159

## 

## Question 34

Amita spent 4/9 of her money on clothes. She spent $1 / 5$ of her money on food. What fraction of her money did she spend more on clothes than on food?
Express your answer in its simplest form.

## Accepted answers:

$11 / 45$
$11 / 45$

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,652,185$
$k^{\star}$ Answers

Sam jogged once every week. The distance that he jogged in a particular week was twice the distance that he jogged in the previous week. He jogged 700 m in the second weel. What was the total distance that Sam jogged in the first 4 weeks?

## Accepted answers:

$\checkmark 5250 \mathrm{~m}$
$\checkmark 5250 \mathrm{~m}$
$\checkmark 5250 \mathrm{~m}$
$\checkmark 5250 \mathrm{~m}$
$\checkmark 5,250 \mathrm{~m}$
$\checkmark 5,250 \mathrm{~m}$
$\checkmark 5,250 \mathrm{~m}$
$\checkmark$ 5, 250 m
, 250 m
5,250 m

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,652,425

## $\mathbf{k}^{\star}$ Answers | Edit | Duplicate | $\mathbb{1}$ Used In | $\boldsymbol{*}$ Reorder

Remove From Test

## Question 36

A bag containing a book has a total mass of $5 / 8 \mathrm{~kg}$. The same bag containing 2 such books weighs $3 / 4$ kg . What is the mass of the bag when it is empty?

## Accepted answers:

$1 / 2 \mathrm{~kg}$

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: Mon 21st Sep 2020
QID\#:
23,652,454
$\star^{\pi}$ Answers | Edit | 约Duplicate | 1 Used In | $\widehat{*}$ Reorder
Remove From Test

## Question 37

Linda had a piece of wire. She used 2/9 of the wire to make a triangle and the rest of the wire to make a square. The difference between the perimeter of the square and the perimeter of the triangle was 60 cm.

What was the length of the original wire that Linda had?

Accepted answers:
108 cm
108 cm
108

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | Mon 21st Sep 2020 |
| QID\#: | $23,652,492$ |


Remove From Test

## Question 38

Faizal had 278 potatoes. He packed all the potatoes into boxes of 9 with some leftover.
a) How many boxes of 9 potatoes did Faizal pack?

## Accepted answers:

30
30 boxes

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,652,513
$«^{\star}$ Answers | Edit | EDuplicate | 1 Used In | 合 Reorder

## Question 39

Faizal had 278 potatoes. He packed all the potatoes into boxes of 9 with some leftover.
b) How many potatoes were left over?

Accepted answers:
/ 8
8 Potatoes
8 Potatoes left

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,652,541

Correctly answered feedback
278/9=30 Remaining 8

Incorrectly answered feedback
278/9=30 Remaining 8

Jennifer bought some sweets for her friends. When she gave each of them 4 sweets, she would have 2 sweets left. When she gave each of them 5 sweets, she would need 3 more sweets. How many sweets did she buy?

Accepted answers:

```
\2
```

22 sweets

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,652,587

Correctly answered feedback

| Multiple of <br> 4 | 4 | 8 | 12 | 16 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| +2 | 6 | 10 | 14 | 18 | $22 \checkmark$ |
| Multiple of <br> 5 | 5 | 10 | 15 | 20 | 25 |
| -3 | 2 | 7 | 12 | 17 | $22 \checkmark$ |

Incorrectly answered feedback

| Multiple of <br> 4 | 4 | 8 | 12 | 16 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| +2 | 6 | 10 | 14 | 18 | $22 \checkmark$ |
| Multiple of <br> 5 | 5 | 10 | 15 | 20 | 25 |
| -3 | 2 | 7 | 12 | 17 | $22 \checkmark$ |

## $k^{x}$ Answers | Edit | en Duplicate | 1 Used In | $\hat{\geqslant}$ Reorder

## Question 41

The table below shows the heights and masses of 3 monsters.

| Monster | Height | Mass |
| :---: | :---: | :---: |
|  | $\frac{5}{8} \mathrm{~m}$ | $\frac{9}{10} \mathrm{~kg}$ |
|  | $\frac{3}{4} \mathrm{~m}$ | $\frac{2}{5} \mathrm{~kg}$ |
| Gulpy | $\frac{2}{5} \mathrm{~m}$ | ? |

a) What is the difference in height between Happy and Gulpy?

Express your answer in its simplest form.

## Accepted answers:

9/40 m

```
9/40m
\(\checkmark\) 9/40
\(\checkmark 9 / 40 m\)
\(\checkmark 9 / 40 \mathrm{~m}\)
```

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified:
N/A
QID\#: $\quad 23,652,650$

Correctly answered feedback
a) $\left(\frac{9}{40} m\right)$
$\frac{25}{40}-\frac{16}{40}=\frac{9}{40}$

Incorrectly answered feedback

$\frac{25}{40}-\frac{16}{40}=\frac{9}{40}$.

## Question 42

The table below shows the heights and masses of 3 monsters.

| Monster | Height | Mass |
| :---: | :---: | :---: |
|  | $\frac{5}{8} \mathrm{~m}$ | $\frac{9}{10} \mathrm{~kg}$ |
|  | $\frac{3}{4} \mathrm{~m}$ | $\frac{2}{5} \mathrm{~kg}$ |
| Gulpy | $\frac{2}{5} \mathrm{~m}$ | ? |

b) The total mass of Pinky and Gulpy is $11 / 12 \mathrm{~kg}$.

What is the mass of Gulpy?
Ans: $\qquad$ kg

Accepted answers:
$\checkmark 31 / 60 \mathrm{~kg}$
$\checkmark 31 / 60 \mathrm{~kg}$
$\checkmark 31 / 60 \mathrm{~kg}$
$\checkmark 31 / 60 \mathrm{~kg}$
$\checkmark 31 / 60$
$\checkmark 31 / 60$

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified:
N/A
QID\#:

Correctly answered feedback
b) ( $\frac{31}{60} \mathrm{~kg}$ )
$\frac{55}{60}-\frac{24}{60}=\frac{31}{60}$

Incorrectly answered feedback
b) $\left(\frac{31}{60} \mathrm{~kg}\right)$
$\frac{55}{60}-\frac{24}{60}=\frac{31}{60}$

## $\mathbf{*}^{7}$ Answers | Edit | © Duplicate | 4 Used In | 令 Reorder

Mingren and Ravi are playing a game by placing discs on the squares of an 8 by 8 game board.


Mingren: black disc
Ravi: white disc
a) The board above shows the number of discs that each boy has placed currently. What fraction of the total discs shown on the board is white?
Express your answer in its simplest form.

Accepted answers:
7/15
$7 / 15$

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified:
N/A
QID\#: 23,652,775

Correctly answered feedback
a) $\left(\frac{7}{15}\right)$
$\frac{14}{30}=\frac{7}{15}$

Incorrectly answered feedback
a) $\left(\frac{7}{15}\right)$
$\frac{14}{30}=\frac{7}{15}$

## 

Question 44

Mingren and Ravi are playing a game by placing discs on the squares of an 8 by 8 game board.


Mingren: black discRavi: white disc
b) When all the 64 squares of the game board is filled with discs, $5 / 8$ of the discs on the board are placed by Mingren. How many more black discs did Mingren add to the board above?

## Accepted answers:

$\checkmark 24$ black discs

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#:
23,652,826

```
Correctly answered feedback
64 / 8 = 8
8\times5=40
40-16=24
```

Incorrectly answered feedback
$64 / 8=8$
$8 \times 5=40$
$40-16=24$


## Question 45

Alison and Benny have 3753 beads altogether. Alison and Charles have 6389 beads altogether. The number of beads Charles has is three times that of Benny.
a) How many beads does Benny have?

Ans: $\qquad$ beads

## Accepted answers:

$\checkmark 1318$
$\checkmark 1318$ beads
1318
1318 beads
1,318
1,318 Beads
1,318 beads
1,318

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,652,888$

Correctly answered feedback
6389-3753 = 2636
$2636 / 2=1318$

Incorrectly answered feedback
6389-3753 = 2636
$2636 / 2=1318$

## Question 46

Alison and Benny have 3753 beads altogether. Alison and Charles have 6389 beads altogether. The number of beads Charles has is three times that of Benny.
b) How many beads does Alison have?

Ans: $\qquad$ beads

## Accepted answers:

2435
/ 2435 beads
2435
2435 beads
2,435
2,435 beads
2, 435
2, 435 beads

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,652,929$

Correctly answered feedback
$3753-1318=2435$

Incorrectly answered feedback
$3753-1318=2435$

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.

a) Alfie is at Point $Y$ facing north-west. How many quarter turns in the clockwise direction must he make in order to see the penguin enclosure?

## Accepted answers:

3
3 quarter turns

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: Mon 14th Sep 2020
QID\#:
23,653,002
$\mathbf{*}^{\star}$ Answers | Edit | Duplicate | 1 Used In | $\stackrel{\text { Reorder }}{ }$
Remove From Test
Question 48

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.

b) Which animal enclosure is to the south of the lion enclosure?

Accepted answers:
$\checkmark$ Monkey

## Question Type: Free Text

Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: $\quad 23,653,069$

```
\(*^{\star}\) Answers | Edit | EDDuplicate | \(\mathbb{1}\) Used In | \(\stackrel{\rightharpoonup}{*}\) Reorder
```

Remove From Test
Question 49

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.

c) Harry is at Point Z. He turned north and walked 4 units. Then, he turned east and walked 7 units. Which animal enclosure will he reach?

## Accepted answers:

Panda

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#:
23,653,089

## $\aleph^{\star}$ Answers | Edit | EDuplicate | 4 Used In | 合 Reorder

Remove From Test

Question 50

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.

d) Paige was at a certain point on the square grid. She turned west and walked 5 units. Then, she turned south and walked 6 units and she reached the lion enclosure. Put a cross $(X)$ on the square grid to show Paige's original position.

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.

Please put "Done" in the question space below inorder to proceed to the next question

| Question Type: | Essay |
| :--- | :--- |
| Date Added: | Mon 14th Sep 2020 |
| Last Modified: | Mon 21st Sep 2020 |
| QID\#: | $23,653,144$ |

```
**Answers Edit & Duplicate 4 Used In | है Reorder

Yasmin uses matchsticks to form figures that follow a pattern as shown below.


Figure 1


Figure 2


Figure 3
(a) The table shows the number of triangles and matchsticks for the first three figures. Complete the table for Figure 4.
\begin{tabular}{|c|c|c|}
\hline Figure & Number of triangles & \begin{tabular}{c} 
Number of \\
matchsticks
\end{tabular} \\
\hline 1 & 4 & 12 \\
\hline 2 & 6 & -19 \\
\hline 3 & 8 & 26 \\
\hline 4 & & \\
\hline
\end{tabular}

Ans: \(\qquad\) and \(\qquad\)
(triangles) (matchsticks)

Accepted answers:
```

10 and 33

```

10,33
1033
10,33
10, 33

\section*{Question Type: Free Text}

Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#:

Correctly answered feedback
a)
a)
\begin{tabular}{|l|l|l|}
\hline Figure & Number of triangles & Number of matchsticks \\
\hline 4 & 10 & 33 \\
\hline
\end{tabular}

Incorrectly answered feedback
a)
\begin{tabular}{|l|l|l|}
\hline \multicolumn{1}{l|}{ Figure } & Number of triangles & Number of matchsticks \\
\hline 4 & 10 & 33 \\
\hline
\end{tabular}

Yasmin uses matchsticks to form figures that follow a pattern as shuwn below.

Figure 1

Figure 2

Figure 3
b) How many triangles are there in Figure 7?

Accepted answers:
16
16 triangles

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: \(\quad 23,653,286\)

\section*{}

\section*{Question 53}

Yasmin uses matchsticks to form figures that follow a pattern as shown below.


Figure 1


Figure 2


Figure 3
c) How many matchsticks are used to form Figure 9?

Accepted answers:
```

68

```

68 matchsticks

\section*{Question Type: Free Text}

Date Added:
Last Modified:
\(\square\)

\section*{Question 54}

Mrs Koh went to a book store.


Mrs Koh spent \(\frac{5}{12}\) of her money to buy some pens and \(\frac{1}{4}\) of her money to buy a few boxes of coloured pencils. She had \(\$ 112\) left.
a) What fraction of her money was left?

Express your answer in its simplest form.

Accepted answers:
1/3
1 / 3

Question Type: Free Text
Date Added: Mon 14th Sep 2020
Last Modified: N/A
QID\#: 23,653,364

Correctly answered feedback
\(5 / 12+3 / 12=8 / 12\)
\(1-8 / 12=4 / 12=1 / 3\)

Incorrectly answered feedback
\(5 / 12+3 / 12=8 / 12\)
\(1-8 / 12=4 / 12=1 / 3\)
\(*^{\star}\) Answers | Edit | Duplicate | \(\mathbb{4}\) Used In | 冬Reorder

Mrs Koh went to a book store.


Mrs Koh spent \(\frac{5}{12}\) of her money to buy some pens and \(\frac{1}{4}\) of her money to buy a few boxes of coloured pencils. She had \(\$ 112\) left.
b) How many boxes of coloured pencils did she buy?

Accepted answers:
12
12 boxes

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

Free Text
Mon 14th Sep 2020
N/A
23,653,398

Correctly answered feedback
\(112 / 4=28\)
\(28 \times 3=84\)
\(84 / 7=12\)

Incorrectly answered feedback
\(112 / 4=28\)
\(28 \times 3=84\)
\(84 / 7=12\)```


[^0]:    $k^{\lambda}$ Answers

[^1]:    Incorrectly answered feedback

