## ClassMarker

## Primary 5 Maths (Term 2) - Nanyang

| Add Questions |  |  | Assign | Settings | Review |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ebuplicate | $\theta$ Print | © Delete |  |  | $\hookrightarrow$ Assign Test |
| Test Introduction |  |  |  |  |  |

53 Questions (51 Points)


## Question 2

Which one of the following numbers has the digit 5 in the thousands place?
A) 214758
B) 241578
C) 245178
D) 251478

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Fri 17th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,050,498$ |

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


## Question 3

Express $\frac{5}{8}$ as a decimal.
A) 0.058
B) 0.58
C) 0.625
D) 0.875

Question Type:

## Multiple Choice

Randomize Answers: No
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#:
29,050,501

## 

## Question 4

Find the value of $38.9 \times 400$
A) 155.6
B) 1556
C) 15560
D) 155600

Question Type:
Randomize Answers:

Last Modified: N/A
QID\#:

## Question 5

B) 28.045 km
C) 28.450 km
D) 284.5 km

## Question Type:

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

## Multiple Choice

No
Fri 17th Sep 2021
N/A
29,050,509

## $\boldsymbol{x}^{\star}$ Answers | Edit | © Duplicate | $\uparrow$ Used In | $\hat{\text { 个 Reorder }}$

## Question 6

Which one of the following is the same as 37 ones and 65 thousandths?
A) 3.765
(B) 37.065
C) 37.65
D) 3765

Question Type:
Randomize Answers: N
Date Added: Fri 17th Sep 2021
Last Modified:
QID\#:
N/A
29,050,515

## Question 7

Express 0.112 as a fraction in the simplest form
A)
$\frac{3}{25}$
B)

12
$\overline{100}$
C)
$\frac{14}{125}$
D)

112
$\overline{1000}$

Question Type:
Randomize Answers:
Date Added: No

Last Modified: N/A
QID\#:

## Question 8

In the figure below, $A B C, A B D$ and $A C D$ are triangles.


Given that $A D$ is the height of triangle $A B C$, what is its base?
A) $A B$
B) BC
C) BD
D) AC

Question Type:
Randomize Answers:
Date Added: No

N/A
29,050,527

Find the area of the triangle below.

A) 24 cm 2
B) 30 cm 2
C) 40 cm 2
D) 48 cm 2

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Fri 17th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,050,532$ |

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

Question 10

Express 6 litres in cm3
A) 6
B) 60
C) 600
D) 6000

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Fri 17th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,050,535$ |

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

Question 11

Four children shared a packet of sweets. After each of them received 15 sweets, there were 5 sweets left. What was the total number of sweets in the packet?
A) 35
B) 50
C) 60
$\checkmark$ D) 65

## Question Type:

Multiple Choice
Randomize Answers: No
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#:
QID\#. 29,050,539
$\mathbf{*}^{\wedge}$ Answers | Edit | ED Duplicate | 4 Used In | $\stackrel{\rightharpoonup}{*}$ Reorder

## Question 12

Devi wants to pack 205050 paper clips into some boxes. Each box can hold 100 paper clips. What is the smallest number of boxes she needs to hold all her paper clips?
A) 25
B) 26
C) 2050
D) 2051

## Question Type:

Randomize Answers:

Last Modified: N/A
QID\#: $\quad 29,050,543$

Multiple Choice
No
Fri 17th Sep 2021

## Question 13

The mass of package A was 18.9 kg . Package A was 3.75 kg heavier than package $B$. Package $C$ was 2.3 kg heavier than package B . What was the mass of package C ?
A) 12.85 kg
B) 15.15 kg
C) 17.45 kg
D) $\quad 20.35 \mathrm{~kg}$

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Fri 17th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,050,551$ |



A rectangular tank measuring 20 cm by 15 cm by 12 cm is partially filled with water to a height of 2 cm . What is the smallest number of flasks of water that has to be added to fill the tank completely, given that each flask can hold 300 ml of water?

A) 10
B) 2
C) 3
D) 12

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Fri 17th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,050,554$ |

Question 15

Mrs Lee had a total of 369 red and blue buttons. $\frac{7}{9}$ of the buttons were
red. How many more red buttons than blue buttons did she have?
A) 41
B) 82
C) 205
D) 287

Write seven hundred and forty two thousand and two in numerals

Accepted answers:
742002

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,672

```
* Answers Edit EODuplicate| \ Used In | * Reorder
```

Question 17

Find the value of $45-15 \div 5+30 \times 2$

Accepted answers:
102

Question Type: Free Text
Date Added: $\quad$ Fri 17th Sep 2021
Last Modified: N/A
QID\#: $\quad 29,050,676$

## $«^{7}$ Answers Edit Duplicate | 1 Used In | 合 Reorder

Question 18

# Yvette spent $\frac{1}{5}$ of her money on transport and $\frac{5}{8}$ of the remaining <br> money on food. What fraction of her money did she spend on food? <br> Give your answer in the simplest form. 

Accepted answers:
$1 / 2$
1/2
$1 / 2$
$1 / 2$

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Fri 17th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,050,680$ |

$x^{n}$ Answers Edit EDuplicate | 1 Used In | $\stackrel{\text { Reorder }}{ }$
Question 19

Even paid $\$ 4.80$ for 4 oranges and $\$ 6.90$ for 3 apples. How much would 8 such oranges and 6 such apples cost altogether?

## Accepted answers:

/ $\$ 23.40$
\$ 23.40
23.40

```
Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID#: 29,050,685
* Answers | Edit | & Duplicate | 4 Used In | 合Reorder
```

Draw the solid shown below on the given isometric grid.


Question Type: Essay
Date Added: $\quad$ Fri 17th Sep 2021
Last Modified: N/A
QID\#:
29,050,688

Correctly answered feedback


Incorrectly answered feedback

$«^{*}$ Answers | Edit | 细Duplicate | 1 Used In | 仓 Reorder

## Question 21

The length of a rope was 9 m long. It was cut into 12 equal pieces. What was the length of each piece of rope after it was cut? Give your answer as a fraction in the simplest form.

## Accepted answers:

3/4
3/4
$3 / 4$
$3 / 4$
$3 / 4 \mathrm{~m}$
/3/4m

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified:
N/A
QID\#: 29,050,691
${ }^{*}$ Answers

```
Edit Duplicate
``` 4 Used In - Reorder

Anderson watched a movie that lasted 1 h 44 min . The movie ended at 2130 . At what time did the movie start? Give your answer in the 24 hours clock format

\section*{Accepted answers:}

1946
1946
\begin{tabular}{ll} 
Question Type: & Free Text \\
Date Added: & Fri 17th Sep 2021 \\
Last Modified: & N/A \\
QID\#: & \(29,050,694\)
\end{tabular}
```

*^Answers Edit | Duplicate | 4 Used In | ज Reorder

```

What is the missing number?
\(970870=900000+70 x\) \(\qquad\) \(+800+70\)

\section*{Accepted answers:}
\(\checkmark 1000\)
\begin{tabular}{ll} 
Question Type: & Free Text \\
Date Added: & Fri 17th Sep 2021 \\
Last Modified: & N/A \\
QID\#: & \(29,050,696\)
\end{tabular}

Remove From Tes

\section*{Question 24}

The product of two numbers is 2508 . The smaller number is 4 . Find the larger number and round it to the nearest hundred.

Accepted answers:
600
\begin{tabular}{ll} 
Question Type: & Free Text \\
Date Added: & Fri 17th Sep 2021 \\
Last Modified: & N/A \\
QID\#: & \(29,050,701\)
\end{tabular}
```

* Answers | Edit E~Duplicate| 4 Used In | \& Reorder

```

Question 25

The mass of an empty box was 0.32 kg . Its mass was 40 times as heavy as the mass of one marble. What was the total mass of the empty box and 10 such marbles?

\section*{Accepted answers:}
0.4 kg
0.4 kg
0.4

\section*{Question Type: Free Text}

Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,706

\section*{* Answers Edit Enplicate 4 Used In |}

Remove From Test

Question 26

The solid below is built using unit cubes.


How many unit cubes are used to build the solid?

Accepted answers:
20

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified:
QID\#:
N/A
QID\#: 29,050,710
```

$«^{\star}$ Answers | Edit | Duplicate | 1 Used In | $\stackrel{\text { Reorder }}{ }$

```

Question 27

The solid below is built with unit cubes.


Draw the top view and front view of the solid on the square grids provided below.

\begin{tabular}{ll} 
Question Type: & Essay \\
Date Added: & Fri 17th Sep 2021 \\
Last Modified: & N/A \\
QID\#: & \(29,050,714\)
\end{tabular}

Correctly answered feedback


Top view


Incorrectly answered feedback


Top view


Front View

There are 7 L 9 ml of water in container A . Container B has twice as much water as container A. Find the total amount of water in both containers.
Give your answer in litres

\section*{Accepted answers:}
21.027|
21.027 I
21.027
```

Question Type: Free Text
Date Added: $\quad$ Fri 17th Sep 2021
Last Modified: Fri 17th Sep 2021
QID\#: 29,050,722

```
\(«^{\star}\) Answers Edit 饤Duplicate 4 Used In \(\stackrel{\rightharpoonup}{*}\) Reorder
Question 29

Alice bought a blouse and a dress. The dress cost 6 times as much as the blouse. The dress cost \(\$ 153\). She gave the cashier \(\$ 200\). How much change did she receive?

\section*{Accepted answers:}
\(\$ 21.50\)
/ 21.50
21.50

\section*{Question Type: Free Text}

Date Added: Fri 17th Sep 2021
Last Modified: Fri 17th Sep 2021
QID\#:
29,050,728
\(\boldsymbol{*}^{\pi}\) Answers | Edit | Duplicate | 4 Used In | \(\stackrel{\rightharpoonup}{*}\) Reorder

In the figure below, the rectangle is divided into 4 triangles. The areas of triangles A, B and C are \(300 \mathrm{~cm}^{2}, 225 \mathrm{~cm}^{2}\) and \(100 \mathrm{~cm}^{2}\) respectively. Find the area of triangle D .


Accepted answers:
```

175cm2

```
```

175 cm2

```
175

\section*{Question Type: Free Text}

Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified: N/A
QID\#:

\section*{\(\Sigma^{*}\) Answers}
\(\qquad\)
- Edit | 岣Duplicate \(\uparrow\) Used In | \(\hat{\boldsymbol{*}}\) Reorder

Question 31

A jug contained 3 litres of water. Mary drank \(\frac{2}{5}\) of it. How much water was left in the jug?

Accepted answers:
1800ml
1800 ml
1800

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#:

Sandra had \(5 \frac{4}{5} \mathrm{~m}\) of cloth. She gave \(2 \frac{7}{10} \mathrm{~m}\) of cloth to her sister. She then bought \(3 \frac{3}{4} \mathrm{~m}\) of cloth. How many metres of cloth did she have in the end? Give your answer as a mixed number in the simplest form,

\section*{Accepted answers:}
\(67 / 10\)
\(67 / 10\)
\(67 / 10\)
\(67 / 10\)

\section*{Question Type: Free Text}

Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,746

Correctly answered feedback
\(5 \frac{4}{5}-2 \frac{7}{10}=3 \frac{1}{10}\)
\(3 \frac{1}{10}+3 \frac{3}{4}=6 \frac{17}{20}\)

Incorrectly answered feedback
\[
\begin{aligned}
& 5 \frac{4}{5}-2 \frac{7}{10}=3 \frac{1}{10} \\
& 3 \frac{1}{10}+3 \frac{3}{4}=6 \frac{17}{20}
\end{aligned}
\]

The figure below is made up of triangle PQR and triangle PRS. QTRS is a straight line. PT \(=28 \mathrm{~cm}, \mathrm{PS}=58 \mathrm{~cm}, \mathrm{QR}=60 \mathrm{~cm}\) and \(R S=25 \mathrm{~cm}\). Find the area of triangle PQS.


Accepted answers:
\(\checkmark 1190 \mathrm{~cm} 2\)
\(\checkmark 1190 \mathrm{~cm} 2\)
1190

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified:
N/A
QID\#:

Correctly answered feedback
\(60+25=85\)
Area of triangle PQS \(=1 / 2 \times 85 \times 28=1190\)

Incorrectly answered feedback
\(60+25=85\)
Area of triangle PQS \(=1 / 2 \times 85 \times 28=1190\)

\section*{Question 34}

The area of each face of the cube below is \(64 \mathrm{~cm}^{2}\). What is the volume of the cube?


Accepted answers:
```

Correctly answered feedback
length of cube = 8cm
vol of the cube = 8x8\times8=512

```
```

Incorrectly answered feedback
length of cube = 8cm
vol of the cube = 8\times8\times8=512

```

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

Remove From Tes

\section*{Question 35}

There are thrice as many red markers as blue markers. Each red marbles cost \(\$ 4\). Each blue marker cost \(\$ 2.50\). The red markers cost \(\$ 38\) more than the blue markers. How many blue markers are there?

\section*{Accepted answers:}

4

Question Type: Free Text
Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified: N/A
QID\#: \(\quad 29,050,776\)

Correctly answered feedback
\begin{tabular}{|c|c|c|c|}
\hline Markers & Value & Unit & \\
\hline Red & \(\$ 4\) & 3 u & \(\$ 12 \mathrm{u}\) \\
\hline Blue & \(\$ 2.50\) & 1 u & \(\$ 2.50 \mathrm{u}\) \\
\hline
\end{tabular}
\[
\begin{aligned}
& \$ 12 u-\$ 2.5 u=9.5 u \\
& 9.5 u=38 \\
& u=4 \text { (blue markers) }
\end{aligned}
\]

Incorrectly answered feedback
\begin{tabular}{|c|c|c|c|}
\hline Markers & Value & Unit & \\
\hline Red & \(\$ 4\) & 3 u & \(\$ 12 \mathrm{u}\) \\
\hline Blue & \(\$ 2.50\) & 1 u & \(\$ 2.50 \mathrm{u}\) \\
\hline
\end{tabular}
\(\$ 12 u-\$ 2.5 u=9.5 u\)
\(9.5 \mathrm{u}=38\)
\(\mathrm{u}=4\) (blue markers)

The length of each side of a square is \(\frac{9}{5} \mathrm{~m}\). What is the total area of 5 such squares? Give your answer as a mixed number in the simplest form.

\section*{Accepted answers:}
\(161 / 5 \mathrm{~m} 2\)
\(\checkmark 161 / 5 \mathrm{~m} 2\)
\(161 / 5\)

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#: \(\quad 29,050,782\)

Correctly answered feedback
\(\frac{9}{5} \times \frac{9}{5}=\frac{81}{25}\)
\(\frac{81}{25} \times 5=\frac{81}{5}\)
\(=16 \frac{1}{5} \mathrm{~m}^{2}\)

Incorrectly answered feedback
\(\frac{9}{5} \times \frac{9}{5}=\frac{81}{25}\)
\(\frac{81}{25} \times 5=\frac{81}{5}\)
\(=16 \frac{1}{5} \mathrm{~m}^{2}\)

\section*{}

\title{
Matthew spent \(1 \frac{3}{5} h\) to complete his Mathematics homework. The amount of time he spent on completing his Chinese homework was twice the amount of time he spent on completing his Mathematics homework. How much time did he take to complete both his Mathematics and Chinese homework?
}

Accepted answers:
\(44 / 5 h\)
\(44 / 5 \mathrm{~h}\)
\begin{tabular}{ll} 
Question Type: & Free Text \\
Date Added: & Fri 17th Sep 2021 \\
Last Modified: & N/A \\
QID\#: & \(29,050,785\)
\end{tabular}
```

Correctly answered feedback
13/5h }\times3=44/5

```

Incorrectly answered feedback
\(13 / 5 h \times 3=44 / 5 h\)

Question 38

En Xi bought an equal number of red and white pieces of ribbons. She bought a total of 252 m of ribbons. Each piece of red ribbon was 15.5 m long. Each piece of white ribbon was 3 m shorter than each piece of red ribbon. How many pieces of red and white ribbons did she buy in all?

Accepted answers:
18

Question Type: Free Text
Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,793

Correctly answered feedback
15.5-3=12.5
\(15.5+12.5=28\)
\(252 \div 28=9\)
\(9+9=18\)
```

Incorrectly answered feedback
15.5-3=12.5
15.5+12.5=28
252\div28=9
9+9=18

```

\section*{Question 39}

Shania and John had some stamps. Shania had 5 times as many stamps as John. After Shania gave 24 stamps to John, north of them had an equal number of stamps. How many stamps did both of them have altogether?

Accepted answers:
```

72

```
Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,799

Correctly answered feedback
\(24 \div 2=12\)
\(12 \times 6=72\)

Incorrectly answered feedback
\(24 \div 2=12\)
\(12 \times 6=72\)

\section*{}

\section*{Question 40}

A rectangular tank measuring 15 cm by 10 cm by 8 cm was \(\frac{3}{4}\) filled with water as shown below. 378 ml of the water were poured out from the tank. How much water was left in the tank? Give your answer in litres.


\section*{Accepted answers:}

Question Type: Free Text
Date Added:
Fri 17th Sep 2021
Last Modified:
QID\#:
N/A
29,050,803

Correctly answered feedback
\(15 \times 10 \times 8=1200\)
\(1200 \div 4=300\)
\(300 \times 3=900\)
\(900-378=522\)
\(522 m t=0.522 \ell\)

Incorrectly answered feedback
\(15 \times 10 \times 8=1200\)
\(1200 \div 4=300\)
\(300 \times 3=900\)
\(900-378=522\)
\(522 m \ell=0.522 \ell\)

\section*{Question 41}

The figure below is made up of square \(A B G H\) and rectangle CDEG.
Each side of square " ABGH is \(8 \mathrm{~cm} . \quad B C=1 \mathrm{~cm}, C D=10 \mathrm{~cm}\) and \(\mathrm{FE}=4 \mathrm{~cm}\). HMD and HGFE are straight lines. Find the total area of the shaded parts.


\section*{Accepted answers:}

81 cm 2
81 cm2
81

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

Free Text
Fri 17th Sep 2021
N/A
29,050,807

Correctly answered feedback
\[
\begin{aligned}
\mathrm{GF} & =10-4 \\
& =6 \\
\mathrm{DE} & =8-1 \\
& =7
\end{aligned}
\]

Area of triangle \(\mathrm{ABH}=\frac{1}{2} \times 8 \times 8\)
\[
=32 \mathrm{~cm}^{2}
\]
\(H F=6+8\)
\[
=14
\]
\(\begin{aligned} \text { Area of triangle HDF } & =\frac{1}{2} \times 14 \times 7 \\ & =49 \mathrm{~cm}^{2}\end{aligned}\)
Area of shaded parts \(=32+49\)
\[
=81 \mathrm{~cm}^{2}
\]

Incorrectly answered feedback
\[
\begin{aligned}
\mathrm{GF} & =10-4 \\
& =6 \\
\mathrm{DE} & =8-1 \\
& =7
\end{aligned}
\]

Area of triangle \(\mathrm{ABH}=\frac{1}{2} \times 8 \times 8\)
\[
=32 \mathrm{~cm}^{2}
\]
\(\mathrm{HF}=6+8\)
\[
=14
\]

Area of shaded parts \(=32+49\)
\[
=81 \mathrm{~cm}^{2}
\]

\section*{}

\section*{Question 42}

A baker packed 407 muffins into boxes of 12 muffins with some left over. He sold each box of 12 muffins for \(\$ 15\) and the remaining muffins at \(\$ 1.50\) each.
a) How many boxes of 12 muffins did he pack at most?

Accepted answers:
33
\begin{tabular}{ll} 
Question Type: & Free Text \\
Date Added: & Fri 17th Sep 2021 \\
Last Modified: & N/A \\
QID\#: & \(29,050,815\)
\end{tabular}

Correctly answered feedback
\(407 \div 12=33 r 11\)

Incorrectly answered feedback
\(407 \div 12=33 r 11\)
\(*^{\pi}\) Answers | Edit | \&

\section*{Question 43}
b) What was the smallest amount of money that he collected altogether from the sale of all the muffins?

Accepted answers:
\(\checkmark \$ 511.50\)
\(\checkmark \$ 511.50\)
\(\checkmark 511.50\)

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,823

Correctly answered feedback
\(33 \times 15=495\)
\(11 \times 1.50=16.50\)
\(495+16.50=511.50\)

Incorrectly answered feedback
\(33 \times 15=495\)
\(11 \times 1.50=16.50\)
\(495+16.50=511.50\)

Question 44

The Jubilee Performing Arts Group held a musical at a concert hall. The prices for the tickets are shown below.
\begin{tabular}{|l|c|}
\hline \multicolumn{2}{|c|}{ JUBILEE PERFORMING ARTS GROUP } \\
Musical by Moonilght \\
\hline Ticket & Price Per Ticket \\
\hline Type A & \(\$ 12\) \\
\hline Type B & \(\$ 5\) \\
\hline Type C & \(\$ 2\) \\
\hline
\end{tabular}

711 tickets were sold and a total of \(\$ 5715\) was collected from the sale of tickets. \$1155 was collected from the sale of Type B tickets.
(a) How many Type B tickets were sold?

Accepted answers:
\begin{tabular}{ll} 
Question Type: & Free Text \\
Date Added: & Fri 17th Sep 2021 \\
Last Modified: & N/A \\
QID\#: & \(29,050,830\)
\end{tabular}

Correctly answered feedback
\(1155 \div 5=231\)

Incorrectly answered feedback
\(1155 \div 5=231\)

\section*{Question 45}
b) How many more type \(A\) tickets than type \(C\) tickers were sold?

\section*{Accepted answers:}

240

Question Type: Free Text
Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,841

Correctly answered feedback
711-231=480 (type A and C)
\$5715-1155=4560

Assume all are \(\$ 12\) tickets
\(12 \times 480=5760\)
\(5760-4560=1200\)
12-2=10
1200 \(\div 10=120\) (type c)
\(480-120=360\) (type A)
360-120=240 (more)

Incorrectly answered feedback
711-231=480 (type A and C)
\(\$ 5715-1155=4560\)

Assume all are \(\$ 12\) tickets
12x480=5760
\(5760-4560=1200\)
12-2=10
1200 \(\div 10=120\) (type c)
\(480-120=360\) (type A)
\(360-120=240\) (more)

\section*{Question 46}

En Hui and Zavier had 480 soccer cards altogether. Zavier gave \(\frac{1}{5}\) of his cards to En Hui. After receiving the cards from Zavier, En Hui then gave \(\frac{1}{3}\) of the total number of cards she had to Zavier. Both of them had the same number of cards in the end.
(a) How many cards did Zavier have at first?

Accepted answers:
150

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: Fri 17th Sep 2021
QID\#: \(\quad 29,050,848\)

Correctly answered feedback
Working backwards
\begin{tabular}{|c|c|l|}
\hline EnHui & Zavier & \\
\hline 240 & 240 & At the end \\
\hline+120 & -120 & EnHui gave \(\frac{1}{3}\) to Zavier, left \(\frac{2}{3}\) \\
\hline 360 & 120 & \\
\hline-30 & +30 & Zavier gave \(\frac{1}{5}\) to EnHui, left \(\frac{4}{5}\) \\
\hline 330 & 150 & At first \\
\hline
\end{tabular}

Incorrectly answered feedback
Working backwards
\begin{tabular}{|c|c|l|}
\hline EnHui & Zavier & \\
\hline 240 & 240 & At the end \\
\hline+120 & -120 & EnHui gave \(\frac{1}{3}\) to Zavier, left \(\frac{2}{3}\) \\
\hline 360 & 120 & \\
\hline-30 & +30 & Zavier gave \(\frac{1}{5}\) to EnHui, left \(\frac{4}{5}\) \\
\hline 330 & 150 & At first \\
\hline
\end{tabular}

\section*{Question 47}

\section*{Accepted answers:}
```

330

```

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified: N/A
QID\#:
29,050,858

Correctly answered feedback

\section*{Working backwards}
\begin{tabular}{|c|c|l|}
\hline EnHui & Zavier & \\
\hline 240 & 240 & At the end \\
\hline+120 & -120 & EnHui gave \(\frac{1}{3}\) to Zavier, left \(\frac{2}{3}\) \\
\hline 360 & 120 & \\
\hline-30 & +30 & Zavier gave \(\frac{1}{5}\) to EnHui, left \(\frac{4}{5}\) \\
\hline 330 & 150 & At first \\
\hline
\end{tabular}

Incorrectly answered feedback

\section*{Working backwards}
\begin{tabular}{|c|c|l|}
\hline EnHui & Zavier & \\
\hline 240 & 240 & At the end \\
\hline+120 & -120 & EnHui gave \(\frac{1}{3}\) to Zavier, left \(\frac{2}{3}\) \\
\hline 360 & 120 & \\
\hline-30 & +30 & Zavier gave \(\frac{1}{5}\) to EnHui, left \(\frac{4}{5}\) \\
\hline 330 & 150 & At first \\
\hline
\end{tabular}

\footnotetext{

}

Jia Heng received \(\$ 200\) each month for his pocket money. The line graph below shows the amount of pocket money he saved each month from January to June.

(a) In April, Jia Heng only spent on transport and on food. He spent \(\$ 71.85\) on transport. How much money did he spend on food in April?

Accepted answers:
\$23.15
/ 23.15
/ 23.15

Question Type: Free Text
Date Added: Fri 17th Sep 2021
Last Modified:
N/A
QID\#: 29,050,866

\section*{Correctly answered feedback}

200-105=95
95-71.85=23.15

Incorrectly answered feedback
200-105=95
\(95-71.85=23.15\)

Accepted answers:
350

Question Type: Free Text
Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,872

Correctly answered feedback
\(60+45+70+105+30+40=350\)

Incorrectly answered feedback
\(60+45+70+105+30+40=350\)
\(\varkappa^{n}\) Answers Edit \(\mid\) R Duplicate | \(\uparrow\) Used \(\ln \mid\) 合 Reorder From Test

Question 50

Ravi had some twenty-cent coins and some fifty-cent coins. The number of twenty cent. coins was 4 times as many as the number of city cent coins. He exchanged 100 twenty cent coins for fifty cent coins of the same value. He then had 38 more fifty cent coins than twenty cent coins.
a) How many more twenty cent coins than fifty cent coins did Ravi have at first?

\section*{Accepted answers:}

102

Question Type: Free Text
Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified: N/A
QID\#: 29,050,893

Correctly answered feedback
\(100 \times 20\) cent \(=2000\) cent
\(2000 \div 50=40\)
\(100+2=102\)

Incorrectly answered feedback
\(100 \times 20\) cent \(=2000\) cent
\(2000 \div 50=40\)
\(100+2=102\)
\(\star^{\star}\) Answers | Edit | 约Duplicate | 4 Used \(\ln \mid \stackrel{\rightharpoonup}{*}\) Reorder Remove From Test

Question 51
b) How much money did Ravi have?

\section*{Accepted answers:}
\(\checkmark \$ 44.20\)
\$ 44.20

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

Fri 17th Sep 2021
N/A
29,050,903

Correctly answered feedback
3 units \(=102\)
1 unit = 34
(34x 50 cent) \(+(34 \times 4 \times 20\) cent \()\)
\(=1700+2720\) cent
\(=4420\) cent \(=\$ 44.20\)

Incorrectly answered feedback
3 units \(=102\)
1 unit = 34
(34x 50 cent \()+(34 \times 4 \times 20\) cent \()\)
\(=1700+2720\) cent
\(=4420\) cent \(=\$ 44.20\)

\section*{\(\mathbf{*}^{\wedge}\) Answers | Edit | © Duplicate | 4 Used In | \(\stackrel{\rightharpoonup}{\text { Reorder }}\)}

\section*{Question 52}

Ahmad had a sum of money at first. He spent \(\frac{1}{3}\) of his money on 12 cupcakes and \(\frac{3}{8}\) of his remaining money on 8 muffins. He was then left with \(\$ 18\).
(a) How much did each muffin cost?

Accepted answers:
\$1.35
\$ 1.35
1.35

Question Type: Free Text
Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified: N/A
QID\#: \(\quad 29,050,913\)
```

Correctly answered feedback
5u=18
1u=3.60
3.60 x 3 = 10.80
10.80\div8=1.35

```

Incorrectly answered feedback
\(5 u=18\)
\(1 \mathrm{u}=3.60\)
\(3.60 \times 3=10.80\)
\(10.80 \div 8=1.35\)
\(«^{\star}\) Answers | Edit | Duplicate | 1 Used In | 气 Reorder

\section*{Question 53}
b) How much did he have at first?

Accepted answers:
\$43.20
\$ 43.20
43.20

Question Type: Free Text
Date Added: \(\quad\) Fri 17th Sep 2021
Last Modified:
N/A
QID\#
29,050,916
```

Correctly answered feedback
$3.60 \times 12=43.20$

```

Incorrectly answered feedback
\(3.60 \times 12=43.20\)
```

$\varkappa^{\pi}$ Answers Edit Duplicate 1 Used In $\stackrel{\rightharpoonup}{\text { R Reorder }}$

```

Remove From Test
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