## ClassMarker

## Primary 5 Maths (Term 2) - SCGS

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

49 Questions (91 Points)


## Question 2

Dennis and Elaine had an equal number of stamps. After Elaine sold 30 stamps and Dennis sold 78 stamps, Elaine had 4 times as many stamps as Dennis left. How many stamps does Dennis have at first
A) 90
B) 94
C) 104
D) 188

## Question Type:

Multiple Choice
Randomize Answers: No
Date Added: Wed 4th Aug 2021
Last Modified:
QID\#:

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


## Question 3

Find the area of triangle $A B C$.

(A) 10 cm 2
B) 18 cm 2
C) 20 cm 2
D) 30 cm 2

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Wed 4th Aug 2021 |
| Last Modified: | N/A |
| QID\#: | $28,614,542$ |

```
«`Answers Edit & Duplicate \ Used In | 仑 Reorder
```

Question 4

Find the value of $20-4 \times 5 \div 2+2$
A) 12
B) 15
C) 20
D) 42

| Question Type： | Multiple Choice |
| :--- | :--- |
| Randomize Answers： | No |
| Date Added： | Wed 4th Aug 2021 |
| Last Modified： | N／A |
| QID\＃： | $28,614,543$ |

## Question 5

## Express $3+\frac{1}{10}+\frac{3}{500}$ as a decimal．

A） 3.13
B） 3.16
C） 3.103
（D） 3.106

## Question Type：Multiple Choice

Randomize Answers：No
Date Added：Wed 4th Aug 2021
Last Modified：N／A
QID\＃：28，614，544
$\mathbf{x}^{\boldsymbol{x}}$ Answers｜Edit｜纪Duplicate｜ 4 Used In｜令 Reorder

## Question 6

Which fraction has the smallest value？

A）
$\frac{2}{3}$

B）
$\frac{3}{7}$

C）
$\frac{5}{9}$

D）
$\frac{7}{8}$

Randomize Answers: No
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: $\quad 28,614,545$

```
**Answers | Edit | ED Duplicate | ¢ Used In | * Reorder
```


## Question 7

A container with a square base was filled with water to the brim. What is the volume of water?

A) 25 cm 3
B) 250 cm 3
(C) 2500 cm 3
D) 25000 cm 3

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

## Question 8

$68 \times 15=15 \times 30+$ $\qquad$ x $15+2 \times 15$
A) 8
B) 21
C) 36
D) 38

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Wed 4th Aug 2021 |
| Last Modified: | N/A |
| QID\#: | $28,614,547$ |

Who made a correct statement about the area of triangle ACF?


| Mary: | The area of triangle $A C F$ <br> ABCD. |
| :--- | :--- |
| John: | The area of triangle $A C F$ is half of the area of rectangle $A B C D$. |
| Alice: | The area of rectangle <br> BCFE. |
| Ben: | The area of triangle $A C F$ is the same as the area of rectangle |

A) Mary
B) John
C) Alice
D) Ben

## Question Type:

Randomize Answers:
Date Added: Wed 4th Aug 2021
Last Modified:
QID\#:

Multiple Choice
No

N/A
28,614,548

## Question 10

## What is the product of $\frac{1}{6}$ and $\frac{3}{4}$ ?

A)
$\frac{1}{2}$
(B)
$\frac{1}{8}$
C)
$\frac{4}{10}$
D)

11
12

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Wed 4th Aug 2021 |
| Last Modified: | N/A |
| QID\#: | $28,614,549$ |

$*^{n}$ Answers | Edit | Duplicate | 1 Used In | $\stackrel{\text { F Reorder }}{ }$
Remove From Test

## Question 11

Mrs Tan ordered notebooks for her class of 40 students. Each notebook cost $\$ 1.20$. Every student receive one notebook. How much did she pay for the notebooks?
A) $\$ 4.80$
B) $\$ 12$
C) $\$ 16.80$
D) $\$ 48$

## Question Type: Multiple Choice

Randomize Answers: No
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,550

## $\boldsymbol{k}^{\boldsymbol{x}}$ Answers | Edit | E? Duplicate | 1 Used In | 合 Reorder

What is the missing value?
$6: 8=$ $\qquad$ : 28
A) 12
B) 16
C) 21
D) 40

Question Type:
Randomize Answers: No
Date Added: We

Last Modified: N/A
QID\#:

Multiple Choice
No
Wed 4th Aug 2021

28,614,551

## Question 13

The figure is made up of 4 squares'and 2 rectangles. What fraction of the ngure
is shaded?

A)
$\frac{2}{5}$
B) $\frac{5}{12}$
C) 7

12
D) $\quad 7$

18

Question Type:
Multiple Choice
Randomize Answers: No
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#:
28,614,552

## 

Question 14

Bernice and Shannon had a total of $\$ 450$. The ratio of Bernice's money to Shannon's money is $2: 7$. How much more money does Shannon have than Bemice?
A) $\$ 50$
B) $\$ 100$
C) $\$ 250$
D) $\$ 350$

| Question Type: | Multiple Choice |
| :--- | :--- |
| Randomize Answers: | No |
| Date Added: | Wed 4th Aug 2021 |
| Last Modified: | N/A |
| QID\#: | $28,614,553$ |

## 

## Question 15

Amanda and Bryan have 40 marbles. Bryan and Charlotte have 35 marbles. Amanda and Charlotte have 45 marbles. How many marbles do they have altogether?
A) 35
B) 40
$\checkmark$ C) 60
D) 120

Question Type: Multiple Choice
Randomize Answers: No
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,554

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

Question 16

Draw the front, side and top view of the figure shown below.

$\dagger$
Front


Front view


Side view


Top wew

Please type "done" to proceed to the next question

Question Type: Essay
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: $\quad 28,614,555$

Correctly answered feedback


Side View


Top View

Incorrectly answered feedback


Front View


Side View


Write 2408090 in words

Question Type: Essay

| Date Added: | Wed 4th Aug 2021 |
| :--- | :--- |
| Last Modified: | N/A |

QID\#: $\quad 28,614.556$

Correctly answered feedback
Two million, four hundred and eight thousand and ninety.

Incorrectly answered feedback
Two million, four hundred and eight thousand and ninety.


## Question 18

The ratio of the length to breadth of a rectangle is $5: 2$. The length is 15 cm . Find. the area of the rectangle.

## Accepted answers:

90 cm 2
90 cm 2
/ 90

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,558

Correctly answered feedback
i) $(L) 5 u=15$
$1 \mathrm{u}=15 \div 5=3$
(B) $2 \mathrm{u}=2 \times 3=6$
$L \times B=A r e a$
$15 \times 6=90$
: $90 \mathrm{~cm}^{2}$

Incorrectly answered feedback
i) $(\mathrm{L}) 5 \mathrm{u}=15$
$1 \mathrm{u}=15 \div 5=3$
(B) $2 \mathrm{u}=2 \times 3=6$
$\mathrm{L} \times \mathrm{B}=$ Area
$15 \times 6=90$
$: 90 \mathrm{~cm}^{2}$


Question 19

Marion had $\$ 112$ more than Tasha. After Tasha gave $\frac{1}{5}$ of her money to Marion,
Tasha had $\frac{2}{7}$ of what Marion had. How much money did Marion have at first?

Accepted answers:
$\checkmark 182$
$\checkmark$ \$182

```
Question Type: Free Text
Date Added: Wed 4th Aug }202
Last Modified: N/A
QID#: 28,614,559
```

Correctly answered feedback


Incorrectly answered feedback

$8 \mathrm{u}=112$
$1 \mathrm{u}=112 \div 8=14$
$13 \mathrm{n}=13 \times 14=182$

## Question 20

A group of students were given some candies to be shared equally among them. They started by distributing 3 candies per student but realised that the last student only had 2 candies. However, if they distributed 5 candies to each student, there will be 5 students without any candies. How many candies were there altogether?

Accepted answers:
35candies
35 Candies
35

Question Type: Free Text
Date Added: $\quad$ Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,560

Correctly answered feedback
!)
Actual

$2 \mathrm{u}=25-1=24$
$1 u=24 \div 2=12$
$3 \mathrm{u}=3 \times 12=36$

35candies

Incorrectly answered feedback
!) Actual

$2 \mathrm{u}=25-1=24$
$1 u=24 \div 2=12$
$3 u=3 \times 12=36$

35candies

## Question 21

Mr Ahmad spent $\frac{1}{4}$ of his money on transport and $\frac{5}{6}$ of the remaining money
on food. He then saved the rest. What fraction of his money did he save?

Accepted answers:
1-Aug

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: $\quad 28,614,561$

Correctly answered feedback
Total: $\frac{1}{4}$ on transport, $\frac{3}{4}$ remaining money
$\frac{3}{4}: \frac{5}{6}$ on food, $\frac{1}{6}$ saved
Saved $=\frac{3}{4} \times \frac{1}{6}=\frac{1}{8}$

Total: $\frac{1}{4}$ on transport, $\frac{3}{4}$ remaining money
$\frac{3}{4}: \frac{5}{6}$ on food, $\frac{1}{6}$ saved
Saved $=\frac{3}{4} \times \frac{1}{6}=\frac{1}{8}$

## Question 22

$1 \mathrm{~kg} 5 \mathrm{~g}=$ $\qquad$ kg

Accepted answers:
$\checkmark 1.005 \mathrm{~kg}$
1.005 kg
1.005

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified:
QID\#:

Question 23

Mdm Yeo wants to buy some cupcakes for a party. What is the least amount of money that Mdm Yeo must pay so that she will be able to get a total of 48 cupcakes?


## 3 cupcakes for \$5

Buy 3 cupcakes and get 1 free

## Accepted answers:

$\$ 60$
60

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Wed 4th Aug 2021 |
| Last Modified: | N/A |
| QID\#: | $28,614,563$ |

Last Modified:
28,614,563

Correctly answered feedback
1 set $=3+1=4$
Sets $=48 \div 4=12$ (extra cupcakes)

## 12 sets of 3

$12 \times \$ 5=\$ 60$

Incorrectly answered feedback
1 set $=3+1=4$
Sets $=48 \div 4=12$ (extra cupcakes)

## 12 sets of 3

$12 \times \$ 5=\$ 60$

Question 24

Express $\frac{6}{7}$ as a decimal. Leave your answer to the nearest 2 decimal places.

Accepted answers:

```
\.86
```

```
Question Type: Free Text
Date Added: Wed 4th Aug }202
Last Modified: N/A
QID#: 28,614,564
Correctly answered feedback
\(6 \div 7=0.857=0.86\)
```

Incorrectly answered feedback
$6 \div 7=0.857=0.86$

[^0]
## Accepted answers:

```
\$110
```

$\checkmark 110$

```
Question Type: Free Text
Date Added: Wed 4th Aug }202
Last Modified: N/A
QID#: 28,614,565
```


## Correctly answered feedback

,

$8 u=175-15=160$

$$
1 u=160 \div 8=20
$$

$$
€ 5 u=5 \times 20=100
$$

$$
3 \mathrm{u}=3 \times 20=60
$$

$$
3 \mathrm{u} \rightarrow 2 \mathrm{u}
$$

$$
2 u=60
$$

$$
1 u=60 \div 2=30
$$

$$
7 \mathrm{u}=7 \times 30=210
$$

$$
\text { Diff }=210-100=110
$$

$$
\begin{aligned}
& E \square \text { C } \\
& \text { A } \\
& 8 \mathrm{~B}=175-15=160 \\
& 1 \mathrm{u}=160 \div 8=20 \\
& € 5 \mathrm{u}=5 \times 20=100 \\
& 3 \mathrm{u}=3 \times 20=60 \\
& 3 \mathrm{u} \rightarrow 2 \mathrm{u} \\
& 2 \mathrm{u}=60 \\
& 1 \mathrm{u}=60 \div 2=30 \\
& 7 \mathrm{u}=7 \times 30=210 \\
& \mathrm{Diff}=210-100=110
\end{aligned}
$$

## Question 26

Sasha had $\frac{9}{10} \mathrm{~kg}$ of flour. She used $\frac{2}{3}$ of it. How miuch flour does she have
left? Give your answer as a fraction in the simplest form.

Accepted answers:
$3 / 10 \mathrm{~kg}$
$3 / 10 \mathrm{~kg}$
$3 / 10 \mathrm{~K} \mathrm{G}$

Left $=\frac{9}{10} \times \frac{1}{3}=\frac{3}{10}$
Ans: $\frac{3}{10} \mathrm{~kg}$

Incorrectly answered feedback
Left $=\frac{9}{10} \times \frac{1}{3}=\frac{3}{10}$
Ans: $\frac{3}{10} \mathrm{~kg}$


Question 27

The solid below is made up of $1-\mathrm{cm}$ cubes stacking on top of one another.
What is the volume of this solid?


Accepted answers:

```
9cm3
```

9 cm 3
9

Correctly answered feedback
( 1 cube) vol $=1 \times 1 \times 1=1$
9 cube vol $=1 \times 9=9$

Incorrectly answered feedback
(1 cube) vol $=1 \times 1 \times 1=1$
9 cube vol $=1 \times 9=9$

## Question 28

Sharon baked some cookies to sell as part of the fund raising camival. On the first day, each cookie was sold at $\$ 1.50$ and she collected a total of $\$ 90$. On the second day, she decided to give a $\$ 0.30$ discount for each cookie. How many more cookies must she sell to be able to collect the same amount of money as the first day?

## Accepted answers:

```
15
```


## Question Type: Free Text

Date Added: Wed 4th Aug 2021
Last Modified:
N/A
QID\#:

Correctly answered feedback
$1^{\text {st }}$ day cookies $=90 \div 1.50=60$
$2^{\text {nd }}$ day price $=1.50-0.30=1.20$
$2^{\text {nd }}$ day cookies $=90 \div 1.20=75$
$75-60=15$

## : 15 more cookies

Incorrectly answered feedback

```
\(1^{\text {st }}\) day cookies \(=90 \div 1.50=60\)
\(2^{\text {nd }}\) day price \(=1.50-0.30=1.20\)
\(2^{\text {nd }}\) day cookies \(=90 \div 1.20=75\)
\(75-60=15\)
```


## : 15 more cookies

## Question 29

A small boat can either carry 6 adults or 14 children. There are already 3 adults and 2 children on board the boat. How many more children can the boat carry?

Accepted answers:

```
\
```


## Question Type: Free Text

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: $\quad 28,614,569$

Correctly answered feedback
6 adults OR 14 children
6 adults $=14$ children
$\div 2 . \quad \div 2$
3 adults $=7$ children
$7-2=5$

```
Incorrectly answered feedback
6 adults OR 14 children
6 adults = 14 children
\div2. }\div
3 adults = 7 children
7-2=5
```

Question 30

Benson spent $\$ 20$ less than $\frac{5}{9}$ of his money on a bag. He then spent $\frac{2}{9}$ of his remaining money on a wallet. Given that he had $\$ 140$ left, how much money did Benson have at first?

Accepted answers:
/ \$360
$\checkmark 360$

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified:
QID\#:

Correctly answered feedback


20

$140 \times \frac{9}{7}=180$
$180-20=160$
$160 \times \frac{9}{4}=360$

Incorrectly answered feedback


20

$140 \times \frac{9}{7}=180$
$180-20=160$
$160 \times \frac{9}{4}=360$

Question 31

The length of a rectangle is thrice its breadth. After its length is shortened by 16 cm and its breadth is shortened by 2 cm , it will form a square. What is the area of the square?

Accepted answers:
$\checkmark 25 \mathrm{~cm} 2$
$\checkmark 25 \mathrm{~cm} 2$

## Question Type: Free Text

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,571

Correctly answered feedback


Incorrectly answered feedback

$2 \mathrm{u}=16-2=14$
$1 u=14 \div 2=7$
$7-2=5$
$5 \times 5=25$
Ans: $\mathbf{2 5 c m}{ }^{2}$

The area of the rectangle $A B C D$ is $560 \mathrm{~cm}^{2}$. The area of triangle CDF is 160 $\mathrm{cm}^{2}$. Find the area of the shaded triangle DEF.


Accepted answers:
120 cm 2
120 Cm 2
120

## Question Type: Free Text

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,572

Correctly answered feedback
$\mathrm{CDE}=560 \div \mathbf{2}=\mathbf{2 8 0}$
Shaded DEF $=280-160=120$
$120 \mathrm{~cm}^{2}$

Incorrectly answered feedback
$\mathrm{CDE}=560 \div 2=280$
Shaded DEF $=\mathbf{2 8 0} \mathbf{- 1 6 0}=\mathbf{1 2 0}$

## $120 \mathrm{~cm}^{2}$

## Question 33

The maximum marks for a test is 100 . For every correct answer, 5 marks were awarded. For every incorrect answer, 2 marks were deducted. Eric attempted all the questions and scored 72 marks.
a) How many questions did he answer correctly?

Accepted answers:
$\checkmark 16$
16 questions

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified:
N/A
QID\#:

Correctly answered feedback
Questions $=\mathbf{1 0 0} \div \mathbf{5}=\mathbf{2 0}$
Suppose all were answered correctly,
Total $=20 \times 5=100$
Extra $=100-72=28$
Plus $=5+2=7$
Opposite $=28 \div 7=4$ (incorrect)
Correct $=20-4=16$

Incorrectly answered feedback
Questions $=100 \div 5=20$
Suppose all were answered correctly,
Total $=20 \times 5=100$
Extra $=100-72=28$
Plus $=5+2=7$
Opposite $=28 \div 7=4$ (incorrect)
Correct $=20-4=16$

## Accepted answers:

86 Marks
86

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,576

```
Correctly answered feedback
correct \(=16+2=18\)
(5x18) \(-2-2=86\)
```

Incorrectly answered feedback
correct $=16+2=18$
(5x18) $-2-2=86$

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

Question 35

Melody and Janice have a total mass of 3 kg . Melody's mass is 28 kg . What is the ratio of Melody's mass to Janice's mass? Express your answer in its simplest form.

\section*{Accepted answers:}

4:05

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,574
```

Correctly answered feedback
Melody = 28kg
Janice = 63kg-28kg = 35 kg
M:J
(28:35) \div7
4:5

```
```

Incorrectly answered feedback
Melody = 28kg
Janice = 63kg-28kg = 35 kg
M:J
(28:35) \div7
4:5

```

\section*{\(\mathbf{k}^{\star}\) Answers | Edit | 约Duplicate | 4 Used In | 令Reorder}

\section*{Question 36}

\section*{Accepted answers:}
\(\checkmark\) 26boys
\(\checkmark 26\) boys
\(\checkmark\) 26]

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#:

Correctly answered feedback
.
) X : boy
Y: girl
XYY, XYY, XYY, X
Groups \(=76 \div 3=25 \mathrm{R} 1\)
\(25+1=26\)

Incorrectly answered feedback
) X : boy
Y : girl
XYY, XYY, XYY, X
Groups \(=76 \div 3=25 \mathrm{R} 1\)
\(25+1=26\)
\(*^{n}\) Answers | Edit | Duplicate | 1 Used \(\ln \mid\) ह Reorder

\section*{Question 37}

There are soms \(20 \phi\) and \(50 \%\) coins in a box. For every \(320 \phi\) coins, there will be \(250 \%\) coins. The value of \(50 \%\) coins is \(\$ 38\) more than the value of \(20 \%\) coins. Find the total number of coins.

Accepted answers:
475coins

Question Type:
Date Added:
Date Added:
Last Modified
Wed 4th Aug 2021

QID\#:

Correctly answered feedback
\begin{tabular}{|c|c|c|c|}
\hline & Number & Value & Total Value \\
\hline \(20 C\) & 3 u & 20 & 60 u \\
\hline 50 C & 2 u & 50 & 100 u \\
\hline \(100 \mathrm{u}-60 \mathrm{u}=40 \mathrm{u}\) \\
\(40 \mathrm{u}=3800\) \\
\(1 \mathrm{u}=3800 \div 40=95\) \\
\(3 \mathrm{u}+2 \mathrm{u}=5 \mathrm{u}\) \\
\(5 \mathrm{u}=5 \times 95=475\)
\end{tabular}

Incorrectly answered feedback
\begin{tabular}{|c|c|c|c|}
\hline & Number & Value & Total Value \\
\hline 20 C & 3 u & 20 & 60 u \\
\hline 50 C & 2 u & 50 & 100 u \\
\hline
\end{tabular}
\(100 u-60 u=40 u\)
\(40 \mathrm{u}=3800\)
\(1 u=3800 \div 40=95\)
\(3 u+2 u=5 u\)
\(5 u=5 \times 95=475\)

What fraction is exactly in between \(\frac{3}{8}\). and \(\frac{1}{2}\) ?

Accepted answers:
Jul-16

\section*{Question Type: Free Text}

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: \(\quad 28,614,578\)

Correctly answered feedback
\(\frac{1}{2}=\frac{4}{8}=\frac{8}{16}\)
\(\frac{3}{8}=\frac{6}{16}\)

\(: \frac{7}{16}\)

Incorrectly answered feedback
\(\frac{1}{2}=\frac{4}{8}=\frac{8}{16}\)
\(\frac{3}{8}=\frac{6}{16}\)

\(: \frac{7}{16}\)

Amirah, Benjamin and Celene baked a total of 165 cookies. Amira baked 40 more cookies than Berjamin. Benjamin baked \(\frac{1}{3}\) of what Celene baked. How many cookies did Benjamin bake?

Accepted answers:
\(\checkmark\) 25cookies
\(\checkmark 25\) cookies
/ 25

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: \(\quad 28,614,579\)

Correctly answered feedback
C

\(5 u=165-40=125\)
\(1 \mathrm{u}=125 \div 5=25\)

\section*{25 cookies}

Incorrectly answered feedback

\(5 u=165-40=125\)
\(1 \mathrm{u}=125 \div 5=25\)

\section*{25 cookies}

\section*{Question 40}

Find the area of the shaded part of the figure.


36 cm

Accepted answers:
180 cm 2
180 cm 2
180

Question Type: Free Text
Date Added: \(\quad\) Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,580

Correctly answered feedback
\[
\text { Shaded }=\frac{1}{2}
\]
\[
\text { Whole }=36 \times 10
\]
\[
180=360
\]
\[
\text { Shaded }=360 \times \frac{1}{2}
\]
\[
=180
\]

Shaded \(=\frac{1}{2}\)
Whole \(=36 \times 10\)
\(180=360\)
\[
\begin{aligned}
\text { Shaded } & =360 \times \frac{1}{2} \\
& =180
\end{aligned}
\]

\section*{Question 41}

In a fruits shop, \(\frac{2}{5}\) of the fruits were apples and \(\frac{1}{6}\) of the remaining fruits were mangoes. The rest were oranges. There were 72 more apptes than erenges: How many fruits were there allogether?
apples

Accepted answers:
720fruits
\(\checkmark 720\) fruits
720

\section*{Question Type: Free Text}

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: \(\quad 28,614,581\)

Correctly answered feedback

Total: \(\frac{2}{5}\) apples, \(\frac{3}{5}\) remaining
\(\frac{3}{5}\) remaining: \(\frac{1}{6}\) mangoes, \(\frac{5}{6}\) oranges
Oranges \(=\frac{3}{5} \times \frac{5}{6}=\frac{1}{2}\)
\(\frac{1}{2}=\frac{5}{10} \quad \frac{2}{5}=\frac{4}{10}\)
\(5 u-4 u=1 u\)
\(\mathbf{1 u}=72\)
\(10 \mathrm{u}=10 \times 72=720\)

Incorrectly answered feedback
Total: \(\frac{2}{5}\) apples, \(\frac{3}{5}\) remaining
\(\frac{3}{5}\) remaining: \(\frac{1}{6}\) mangoes, \(\frac{5}{6}\) oranges
Oranges \(=\frac{3}{5} \times \frac{5}{6}=\frac{1}{2}\)
\(\frac{1}{2}=\frac{5}{10} \quad \frac{2}{5}=\frac{4}{10}\)
\(5 \mathbf{u}-4 \mathbf{u}=1 \mathbf{u}\)
\(1 \mathrm{u}=72\)
\(10 \mathrm{u}=10 \times 72=720\)

The table shows the parking charges at SC MalL. Sharon parked her car at the mal from 1.30 p.m. to 3.45 p.m. How much does she have to pay?
\begin{tabular}{|l|l|}
\hline First hour & \(\$ 2\) \\
\hline \begin{tabular}{l} 
Every subsequent 30 \\
minutes or part thereof
\end{tabular} & \(\$ 0.50\) \\
\hline
\end{tabular}

Accepted answers:
\(\checkmark \$ 3.50\)
3.5

\section*{Question Type: Free Text}

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#:

Correctly answered feedback
1.30 pm to \(3.30 \mathrm{pm}=2 \mathrm{~h}=1 \mathrm{~h}+30 \mathrm{mins}+30 \mathrm{mins}\)
3.30 pm to \(3.45 \mathrm{pm}=15 \mathrm{mins}\)
\(2+(3 \times 0.50)=3.50\)

Incorrectly answered feedback
1.30 pm to \(3.30 \mathrm{pm}=2 \mathrm{~h}=1 \mathrm{~h}+30 \mathrm{mins}+30 \mathrm{mins}\)
3.30 pm to \(3.45 \mathrm{pm}=15 \mathrm{mins}\)
\(2+(3 \times 0.50)=3.50\)

Peter has a piece of rectangular cloth measuring 25 cm by 12 cm . He wants to cut out smaller rectangles measuring 4 cm by 2 cm as shown below. What is the maximum number of smaller rectangles he will have?


Accepted answers:
36

Question Type: Free Text
Date Added: Wed 4th Aug 2021
Last Modified:
QID\#: N/A 28,614,583

Correctly answered feedback
\(25 \div 4=6 R 1\)
\(12 \div 2=6\)
\(6 \times 6=36\)

\section*{36 smaller rectangles}

Incorrectly answered feedback
\(25 \div 4=6 R 1\)
\(12 \div 2=6\)
\(6 \times 6=36\)

\section*{36 smaller rectangles}

Mrs Wong prepared 3.5 L of orange juice to serve her guests. She poured exactly 400ML of orange juice into each cup.
a) What is the maximum number of cups of orange juice she can serve her guests?

\section*{Accepted answers:}
\(\checkmark\) 8cups
\(\checkmark 8\) Cups
8

Question Type: Free Text
Date Added: \(\quad\) Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,584
```

Correctly answered feedback
3.5L=3500 ml
cups = 3500 \div400=8R300ml
= 8

```
Incorrectly answered feedback
\(3.5 \mathrm{~L}=3500 \mathrm{ml}\)
cups \(=3500 \div 400=8\) R300ml
\(=8\)

\section*{\({ }^{*}\) Answers

\section*{Question 45}
b) How much orange juice is there left?

\section*{Accepted answers:}
\(\checkmark 300\)
/ 300 ml
300 ml

\section*{Question Type: Free Text}

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,557
```

Correctly answered feedback
R300
= 300ml

```
```

Incorrectly answered feedback
R300
= 300ml

```

In a concert, the number of adults was 4 times the number of children and the number of girls was thrice the number of boys. There were 60 more adults than boys. How many girls were there at the concert?

\section*{Accepted answers:}

12girls
12 girls
12

\section*{Question Type: Free Text}

Date Added: Wed 4th Aug 2021
Last Modified: N/A
QID\#: 28,614,585
```

Correctly answered feedback
Adults = 16u
Girls = 3u
Boys = 1u
16u-1u=15u
15u=60
1u=60\div15=4
3u=3\times4=12

```

Incorrectly answered feedback
Adults \(=16 u\)
Girls = 3u
Boys \(=1 u\)
16u-1u=15u
\(15 u=60\)
\(1 u=60 \div 15=4\)
\(3 u=3 \times 4=12\)

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

The ratio of Sonia's age to her mothers age is \(1: 4\). In 6 years' time, the ratio of Sonia's age to her mother's age will be 1:3. How old is Sonia's mother now?

\section*{Accepted answers:}

48
48years
\(\checkmark 48\) years
\begin{tabular}{ll} 
Question Type: & Free Text \\
Date Added: & Wed 4th Aug 2021 \\
Last Modified: & N/A \\
QID\#: & \(28,614,586\)
\end{tabular}

Correctly answered feedback

\section*{Constant Difference}
Diff
Now
6 years' time
Diff
3
S:M
S:M
2
\(\times 2\)
\((1: 4) \times 2\)
\((1: 3) \times 3\)
\(\times 3\)
6
2: 8
3:9
6
\(9 u-8 u=1 u\)
\(3 \mathbf{u}-2 \mathbf{u}=1 \mathbf{u}\)
\(1 u=6\)
\(8 u=8 \times 6=48\)

\section*{: 48 years}

Incorrectly answered feedback

\section*{Constant Difference}
\begin{tabular}{cllcl} 
Diff & Now & \multicolumn{2}{l}{ 6 years' time } & Diff \\
3 & \(\mathrm{~S}: \mathrm{M}\) & \(\mathrm{S}: \mathrm{M}\) & 2 \\
\(\times 2\) & \((1: 4) \times 2\) & \((1: 3) \times 3\) & \(\times 3\)
\end{tabular}
6
2: 8
\(3: 9\)
6
\(9 \mathrm{u}-8 \mathrm{u}=1 \mathrm{u}\)
\(3 u-2 u=1 u\)
\(1 u=6\)
\(8 u=8 \times 6=48\)
: 48 years

\section*{Question 48}

Mdm Ho bought 5 mangoes and 2 pears for \(\$ 14.20\). Mr Lee bought 2 mangoes and 3 pears for \(\$ 6.60\).
How much does 1 pear cost?

Accepted answers:

Correctly answered feedback
\(6 \mathrm{M}+2 \mathrm{P}=\$ 14.20\)
\(2 \mathrm{M}+3 \mathrm{P}=\$ 6.60 \rightarrow \times 3 \rightarrow 6 \mathrm{M}+9 \mathrm{P}=\$ 19.80\)
\(9 P-2 P=7 P\)
\(7 \mathrm{P}=\$ 19.80-\$ 14.20=\$ 5.60\)
\(1 \mathrm{P}=\$ 5.60 \div 7=\$ 0.80\)

Incorrectly answered feedback
\(6 M+2 P=\$ 14.20\)
\(2 \mathrm{M}+3 \mathrm{P}=\$ 6.60 \rightarrow \times 3 \rightarrow 6 \mathrm{M}+9 \mathrm{P}=\$ 19.80\)
\(9 P-2 P=7 P\)
\(7 \mathrm{P}=\$ 19.80-\$ 14.20=\$ 5.60\)
\(1 \mathrm{P}=\$ 5.60 \div 7=\$ 0.80\)

\section*{Question 49}

The ratio of sweets that Janice has is \(1: 3\). After buying another 24 more sweets, the ratio of sweets to chocolates became \(3: 5\). How many sweets and chocolates did she have in total at first?

Accepted answers:
120 sweet and chocolates
120

\section*{Question Type: Free Text}

Date Added: Wed 4th Aug 2021
Last Modified:

Correctly answered feedback
\begin{tabular}{|c|c|c|}
\hline ) Before & After & Chocolates remained the same \\
\hline S : C & S: C & \\
\hline 1:3 & 3:5 & \\
\hline \(\times 5\) & \(\times 3\) & \\
\hline 5:15 & 9:15 & \\
\hline \multicolumn{3}{|l|}{\(9 \mathrm{u}-5 \mathrm{u}=4 \mathrm{u}\)} \\
\hline \multicolumn{3}{|l|}{\(4 \mathrm{u}=24\)} \\
\hline \multicolumn{3}{|l|}{\(1 u=24 \div 4=6\)} \\
\hline \multicolumn{3}{|l|}{\(5 u+15 u=20 u\)} \\
\hline \multicolumn{3}{|l|}{\(20 \mathrm{u}=20 \times 6=120\)} \\
\hline \multicolumn{3}{|l|}{: 120 sweet and chocolates} \\
\hline
\end{tabular}

Incorrectly answered feedback
\begin{tabular}{|c|c|c|}
\hline ) Before & After & Chocolates remained the same \\
\hline S : C & S: C & \\
\hline 1:3 & 3:5 & \\
\hline \(\times 5\) & \(\times 3\) & \\
\hline 5:15 & 9:15 & \\
\hline \multicolumn{3}{|l|}{\(9 \mathrm{u}-5 \mathrm{u}=4 \mathrm{u}\)} \\
\hline \multicolumn{3}{|l|}{\(4 \mathrm{u}=24\)} \\
\hline \multicolumn{3}{|l|}{\(1 u=24 \div 4=6\)} \\
\hline \multicolumn{3}{|l|}{\(5 u+15 u=20 u\)} \\
\hline \multicolumn{3}{|l|}{\(20 \mathrm{n}=20 \times 6=120\)} \\
\hline : 120 swe & and ch & \\
\hline
\end{tabular}

\footnotetext{
\(k^{\pi}\) Answers
}```


[^0]:    At a camival, Elizabeth spent $\frac{2}{5}$ of her money. Alayna spent $\frac{5}{7}$ of her money and Benedict spent $\$ 15$. They then had the same amount of money lef. Benedict and Elizabeth have a fotal of $\$ 175$ at first. How much more money did Alayna have than Elizabeth at first?

