## ClassMarker

## (2020) Primary 5 Maths (Term 3) - Nanyang

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| Test Introduction |  |  |  |  |  |

11 Questions (11 Points)


In the figure below, four triangles of different slzes are joined together to form a rectangle. Find the total area of the shaded parls.


Accepted answers:
$\checkmark 209 \mathrm{~cm} 2$
209 cm 2
/ 209

Question Type: Free Text
Date Added: Thu 16th Sep 2021
Last Modified: N/A
QID\#: 29,038,454

Correctly answered feedback
$15-11=4$
1/2x11×22=121
$22 \times 15=330$
$330-121=209$

Incorrectly answered feedback
15-11=4
$1 / 2 \times 11 \times 22=121$
$22 \times 15=330$
$330-121=209$

The solid shown below is made up of 1-cm cubes.

(a) What is the volume of the solid?

Accepted answers:
7 cm 3
7 cm3
7

Question Type: Free Text

| Date Added: | Thu 16th Sep 2021 |
| :--- | :--- |
| Last Modified: | N/A |
| QID\#: | $29,038,474$ |



Question 4

Draw the top view and the side view of the above solid on the grids below.

Top View


Question Type: Essay
Date Added: Thu 16th Sep 2021
Last Modified: N/A
QID\#: $\quad 29,038,482$

Correctly answered feedback


Incorrectly answered feedback


## 

## Question 5

A sack contained 13 kg 90 g or sugar
a) Express the amount of sugar in the sack in grams

## Accepted answers:

$\checkmark 13070 \mathrm{~g}$
$\checkmark 13070 \mathrm{~g}$
13070

Question Type: Free Text
Date Added: Thu 16th Sep 2021
Last Modified: N/A
QID\#: 29,038,495

Correctly answered feedback
$1 \mathrm{~kg}=1000 \mathrm{~g}$
$13 \mathrm{~kg}=13000 \mathrm{~g} 13000+70=13070$

Incorrectly answered feedback
$1 \mathrm{~kg}=1000 \mathrm{~g}$
$13 \mathrm{~kg}=13000 \mathrm{~g} 13000+70=13070$


Question 6
b) After packing some of the sugar in the sack into 45 equal packets, there was 560 g of sugar left in the sack. What was the mass of sugar in each packet?
Give your answer in kilograms.

## Accepted answers:

Question Type: Free Text
Date Added: Thu 16th Sep 2021
Last Modified:
QID\#:

N/A
29,038,526

Correctly answered feedback
13070-560=12510
$12510 \div 45=278$
$278 \mathrm{~g}=0.278 \mathrm{~kg}$

Incorrectly answered feedback
13070-560=12510
$12510 \div 45=278$
$278 \mathrm{~g}=0.278 \mathrm{~kg}$

## *Answers | Edit | 纪Duplicate | 4 Used In | 合 Reorder

## Question 7

The table bolow shows the amount of water used by Mr Tan's family from July to October. The amount of water used in June, November and Decamber are not shown.

| Month | Amount of Water Used ( $\ell)$ |
| :---: | :---: |
| June | $?$ |
| July | 16821.5 |
| August | 15325.6 |
| September | 14029.2 |
| October | 16124.0 |
| November | $?$ |
| December | $?$ |

(a) Mr Tan's family used 2500 t more water in July than in June. How much water did Mt Tan's family use in June?

## Accepted answers:

/ 14321.5

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Thu 16th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,038,544$ |

Correctly answered feedback
$16821.5-2500=14321.5$

Incorrectly answered feedback
$16821.5-2500=14321.5$


## Question 8

b) How much water did Mr Tan's family use from August to October?

## Accepted answers:

$\checkmark 45478.8$

| Question Type: | Free Text |
| :--- | :--- |
| Date Added: | Thu 16th Sep 2021 |
| Last Modified: | N/A |
| QID\#: | $29,038,560$ |

## Correctly answered feedback

$15325.6+14029.2+16124=45478.8$

```
Incorrectly answered feedback
15325.6+14029.2+16124=45478.8
```

```
*^Answers | Edit | Euplicate | \ Used In | * Reorder Remove From Test
```


## Question 9

c) The total amount of water used by Mr Tan's family in November and December was 1600.51 more than the amount of water used in July.

Write down one possible set of values for the amount of water used in November and December.

## Accepted answers:

$\checkmark$ 9211।
$\checkmark$ 9211I
/ 9211

Question Type: Free Text
Date Added: Thu 16th Sep 2021
Last Modified: N/A
QID\#: 29,038,587

```
Correctly answered feedback
\(16821.5+1600.5=18422\)
\(18422 \div 2=9211\)
```

Incorrectly answered feedback
$16821.5+1600.5=18422$
$18422 \div 2=9211$

# A rectangular tank measuring 28 cm by 18 cm by 20 cm was $\frac{4}{5}$ full of waler. 



28 cm
(a) Find the volume of the water in the tank.

## Accepted answers:

$\checkmark$ 8064cm3
/ 8064 cm3

8064

Question Type: Free Text
Date Added: Thu 16th Sep 2021
Last Modified: N/A
QID\#: 29,038,603

Correctly answered feedback
$28 \times 20 \times 18=10080$
$10080 \div 5=2016$
$2016 \times 4=8064$

Incorrectly answered feedback
$28 \times 20 \times 18=10080$
$10080 \div 5=2016$
$2016 \times 4=8064$

```
\(\boldsymbol{«}^{\boldsymbol{n}}\) Answers | Edit | Duplicate | 4 Used In | \(\stackrel{\rightharpoonup}{*}\) Reorder
```


## Question 11

b) Mr Raja filled 2 identical large bottles and 5 identical small bottles to the brim with half of the water from the tank. He then filled 1 such large bottle and 7 such small bottles to the brim with the remaining amount of water in the tank. What was the total capacity of 1 such large bottle and 1 such small bottle?

## Accepted answers:

1l 344ml
1 l 344ml

1 1344 ml
1L 33mL

Question Type: Free Text
Date Added: Thu 16th Sep 2021
Last Modified N/A
QID\#: 29,038,633

```
Correctly answered feedback
8064\div2=4032
2L+5S=4031
1L + 7S = 4032
4032x2=8064 (2L+14S)
4032 = 9S
4032\div9 = 448 (1S)
448x7 = 3136
4032-3136=896
896+448=1344 = 1L 344ml
```

Incorrectly answered feedback
$8064 \div 2=4032$
$2 L+5 S=4031$
$1 \mathrm{~L}+7 \mathrm{~S}=4032$
$4032 \times 2=8064(2 L+14 S)$
$4032=9 \mathrm{~S}$
$4032 \div 9=448$ (1S)
$448 \times 7=3136$
4032-3136=896
$896+448=1344=1 \mathrm{~L} 344 \mathrm{ml}$
$*^{\star}$ Answers

