

Calculations – Checkpoint Primary Math**1.**

Work out.

$5342 \times 2 =$

[1]

2.

Write down the number that is one thousand times bigger than 10.42

..... [1]

3.

Work out.

$$256 \div 8$$

..... [1]

4.

A box of cereal has a mass of 1.85 kilograms.

A hotel uses 8 boxes of cereal each week.

Write the total mass of cereal the hotel uses each week.

..... kilograms [1]

5.

(a) Calculate.

$$2 \times (4 + 1)$$

..... [1]

(b) Write one pair of brackets to make this calculation correct.

$$2 + 4 \times 3 = 18$$

[1]

6.

Write a digit in the box to make the statement correct.

$$5.4 - 1.117 = 6.6 - 2.3 \boxed{} 7$$

[1]

7.

Tick (✓) **four** numbers with a total of -3.142

0.001	0.01	0.1	1	-1	-0.1	-0.01	-0.001
0.002	0.02	0.2	2	-2	-0.2	-0.02	-0.002
0.003	0.03	0.3	3	-3	-0.3	-0.03	-0.003
0.004	0.04	0.4	4	-4	-0.4	-0.04	-0.004
0.005	0.05	0.5	5	-5	-0.5	-0.05	-0.005

[1]

8.

Draw a line to match each calculation to the correct label.

$$-35 - 16$$

$$-16 + 35$$

$$16 - 35$$

$$-35 + 16$$

positive answer

negative answer

[1]

9.

Four children calculate 531×6

Here are their methods.

Ahmed	$500 \times 6 + 30 \times 6 + 1$	☐
Rajiv	$531 + 531 + 531 + 531 + 531 + 531 + 531$	☐
Mike	$500 \times 6 + 31 \times 6$	☐
Oliver	$531 \times 2 \times 3$	☐

Tick (✓) **all** the methods that will give the correct answer.

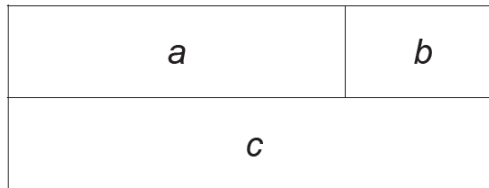
[1]

10.

Gabriella has three blocks.

The two shorter blocks fit **exactly** on top of the longest block.

Here is a diagram of the blocks.



a , b and c represent the lengths of each of the blocks in centimetres.

Tick (✓) the correct statement about the diagram.

$a = b + c$

☐

$a - b = c$

☐

$a + c = b$

☐

$b = c - a$

☐

[1]

11.

Yuri is making a model of his garden.

The fence in his garden is 16 metres long.

The fence in his model is 80 centimetres long.

The height of the tallest tree in his garden is 6 metres.

Write the height of the tallest tree in his model.

..... centimetres [1]

12.

The table shows information about the highest and lowest temperatures recorded in Ottawa in 2021.

Month	Highest temperature	Lowest temperature
January	-5°	-14°
February	-3°	-10°
March	2°	-7°
April	11°	1°
May	19°	8°
June	24°	12°

Write the names of the two months which have the same difference between their highest and lowest temperatures.

..... and [1]

13.

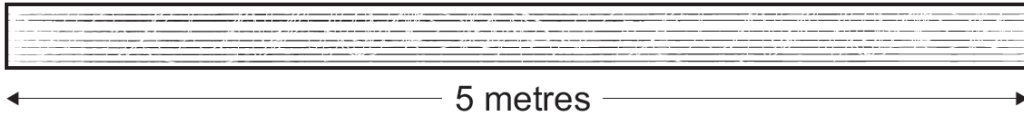
Mia has a 5 kilogram bag of potatoes.
She uses 1 kilogram of the potatoes.

Write the percentage of the bag of potatoes that is left.

..... % [1]

14.

Jamila builds a fence using some pieces of wood.
The length of each piece of wood is 5 metres.



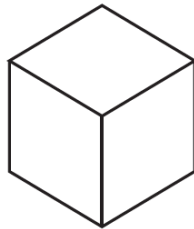
Jamila uses $1\frac{1}{4}$ pieces of wood to build her fence.

Calculate the **total** length of wood she uses to build her fence.

.....metres [1]

15.

A cube has a surface area of 96 cm^2 .

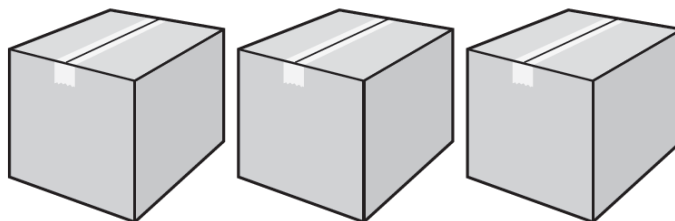


Write the area of one face of the cube.

..... cm^2 [1]

16.

Mike packs some books into 3 boxes.
Each book has a mass of 542 grams.
He packs 24 books in each box.



Mike estimates the total mass of his books.

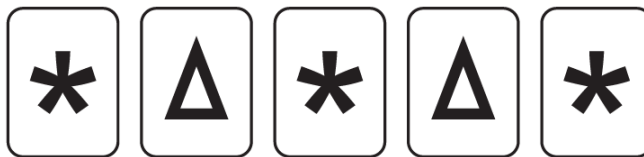
Write a number in the box to complete the calculation Mike could use to **estimate** the total mass of his books.

$$25 \times 3 \times \boxed{}$$

[1]

17.

Here are five cards.



$*$ and Δ each represent a different number on the cards.

The sum of all five numbers on the cards is 14

Write a pair of possible values for $*$ and Δ

$*$ = ... and Δ = ... [1]