

Integers and Powers – Checkpoint Primary Mathematics

1.

- (a) In Moscow the temperature is -15°C .
The temperature rises by 6°C .

Write the new temperature.

..... $^{\circ}\text{C}$ [1]

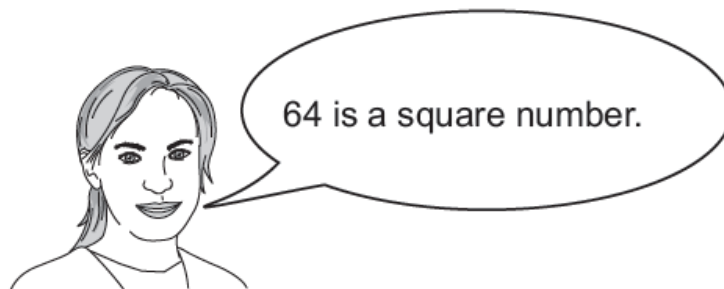
- (b) In Juneau the temperature is 4°C .
An hour later the temperature is -3°C .

Write the number of degrees the temperature falls.

.....degrees [1]

2.

Eva says,



Eva is correct.

Explain how you know.

.....
..... [1]

3.

Write the cube of 4

..... [1]

4.

Draw a ring around **each** prime number.

21 23 31 33 41 43

[2]

5.

A set of numbers are sorted using a Carroll diagram.

	A multiple of 3	Not a multiple of 3
A multiple of 6	A	B
Not a multiple of 6	C	D

(a) Draw a ring around the section that will **always** be empty.

A B C D

[1]

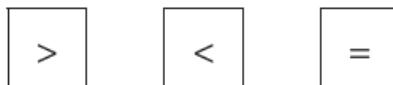
(b) Draw a ring around the section that will **always** contain even numbers.

A B C D

[1]

6.

Here are three symbols.



Write the correct symbol in each box.

$-5 + 30$		$5 - 30$
$-8 + 8$		$16 - 8$

[1]

7.

Write a **different** number to make each statement correct.
Each number must be less than 50

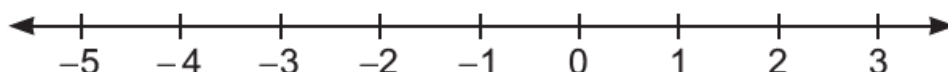
..... is a factor of 12

..... is a multiple of 12

[1]

8.

Here is a number line.



Write a number from the number line in the box to complete the statement.

$$\boxed{-2} > \boxed{}$$

[1]

9.

Write a **different** number in each box to make each calculation correct.

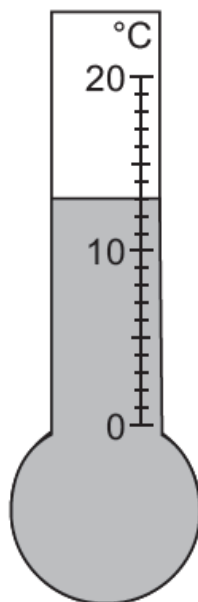
$$11 + \boxed{} + \boxed{} = 20$$

$$20 = \boxed{} + 5 + \boxed{}$$

[1]

10.

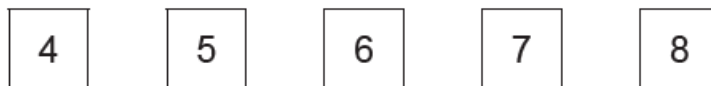
Write the temperature shown on the thermometer.



..... °C [1]

11.

Carlos has five cards.



Carlos shuffles the cards.
He picks a card at random.

Tick (✓) the statement that **will always** be true.

The number is less than 4 ☐

The number is even. ☐

The number is more than 3 ☐

[1]

12.

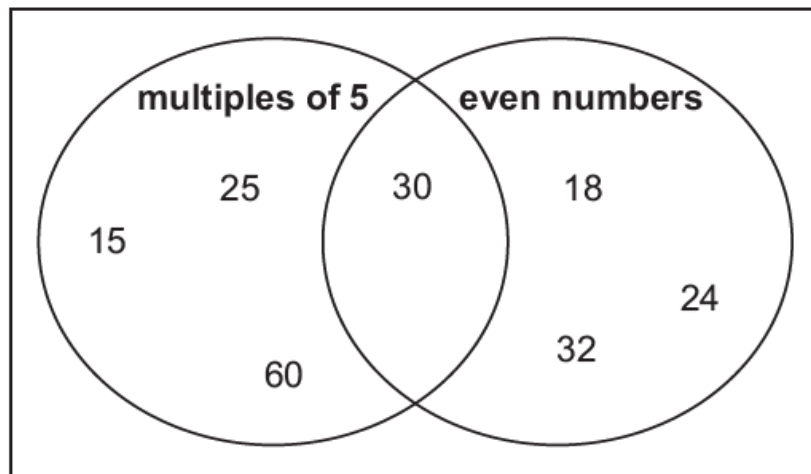
A bag contains 10 oranges.
Yuri buys 6 bags of oranges.

Calculate the total number of oranges Yuri buys.

..... oranges [1]

13.

Here is a Venn diagram.



(a) Write 28 in the correct place in the Venn diagram.

[1]

(b) Draw a ring around the number that is in the wrong place.

[1]

14.

Calculate.

$$78 \div 3$$

..... [1]