المدرسة
الوطنية الأرثوذكسية
الشميساني

The National
Orthodox School
Shmaisani

The Primary Stage of Grades (4-5)
School Year 2022 - 2023

Name: _____   **Subject:** Mathematics

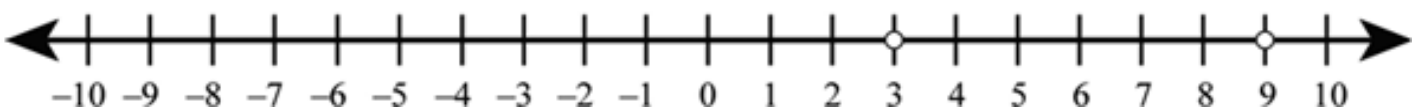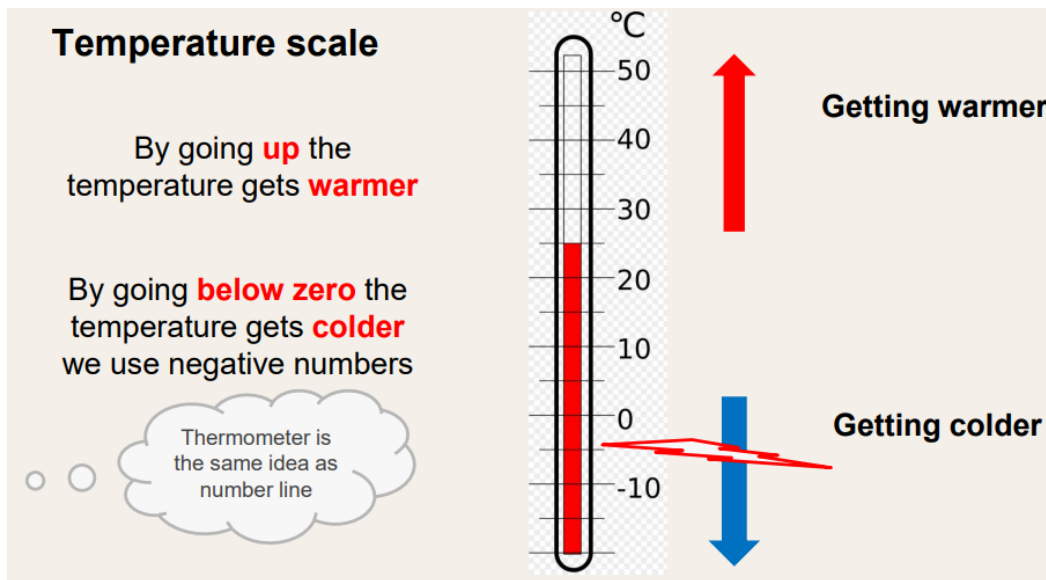**Date:**   /   / 2022   **Class:** 4CP (C,D,E,F&G)

Worksheet (2)

_____

Objective/s: Be able to

Multiply and divide whole numbers by 10 or 100 or 1000.

Order and compare negative and positive numbers on a number line and temperature scale.

Calculate a rise or fall in temperature

Negative numbers that are closer to Zero have greater Values.

1) Order the following temperatures

a) starting with the coldest.

2∘C   -21∘C   - 7 ∘C   -8∘C

Coldest: _____

b) starting with the warmest.

- 3 ∘C   13∘C   - 12 ∘C   9∘C

_____

2) Calculate the new temperature by drawing a number line for each:

a) The temperature During the day in a city is 11∘C. During the night it cools down by 11∘C. The temperature at night is _____

b) The temperature is 6◦C and it **decreases** by 8◦C. The new temperature is

_____

c) The temperature is -7◦C and **it increases** by 10◦C. The new temperature is _____

3) Use this information to fill in the table below showing the temperatures in 6 months' time: **Choose 2 Cites ONLY**

Initial temperature:

Toronto: 7°C	New York: 9°C	Harare: 0°C	Dubai: 13°C
Auckland: -2°C	Reykjavik: -7°C	Tokyo: 4°C	Helsinki: -3°C

After six months Temperature

Toronto: fell by 10°C	New York: fell by 8°C	Harare: rose by 8°C	Dubai: fell by 5°C
Auckland: rose by 9°C	Reykjavik: fell by 6°C	Tokyo: fell by 6°C	Helsinki: rose by 4°C

Toronto: ☐°C	New York: ☐°C	Harare: ☐°C	Dubai: ☐°C
Auckland: ☐°C	Reykjavik: ☐°C	Tokyo: ☐°C	Helsinki: ☐°C

You can use number line or the thermometer to help you. (show your work)

10°C

0°C

- 8 °C
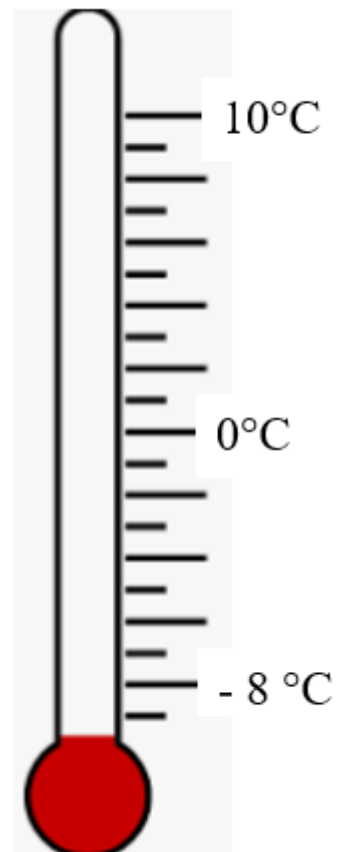
DIVIDE & MULTIPLY BY 10 or 100 or 1000

when you multiply a number by 100, the number gets 100 times greater. So the digits will move **two places** to **the left.**

263 x100 = 26300

Ten thousands	Thousands	Hundreds	Tens	Ones	This
		2	6	3	
2	6	3	0	0	Becomes This

when you divide a number by 10, the number gets 10 times smaller. So the digits will move **one places** to **the right.**

5840 ÷10= 584

Thousands	Hundreds	Tens	Ones	This
5	8	4	0	
	5	8	4	Becomes This

3) Solve the following:

a)   582000 ÷ 100= [   ]   b)   240000 ÷ 1000 = [   ]

c)   4700 x 100 = [   ]   d)   4000 ÷ 50 = [   ]

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e)   240 ÷ 80 =   [   ]   f)   30 x 70 =   [   ]

g)   _____ ÷ 100 = 130   h)   60870 x _____ = 608700

i)   _____ x 1000= 506000   j)   59800 ÷ _____= 598

4) Complete using 10,100 or 1,000 or correct operation to make the following statements true.

a) 60100 [ ] [   ] = 601   b) 7400 [ ] [   ] = 74000

c) 900600 [ ] [   ] = 90060   d) 80059 [ ] [   ] = 8005900