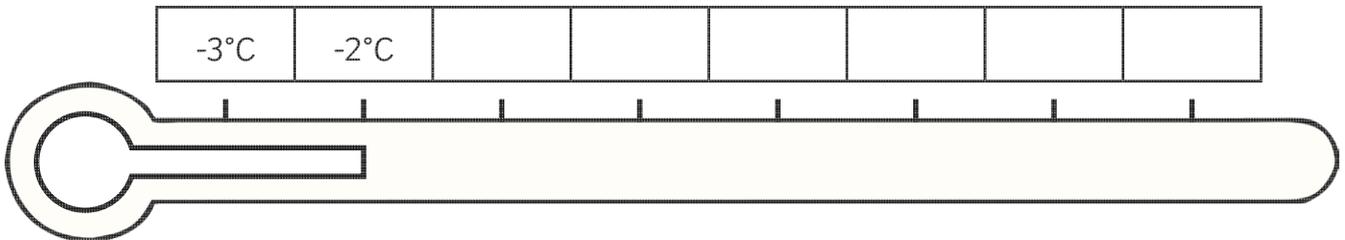


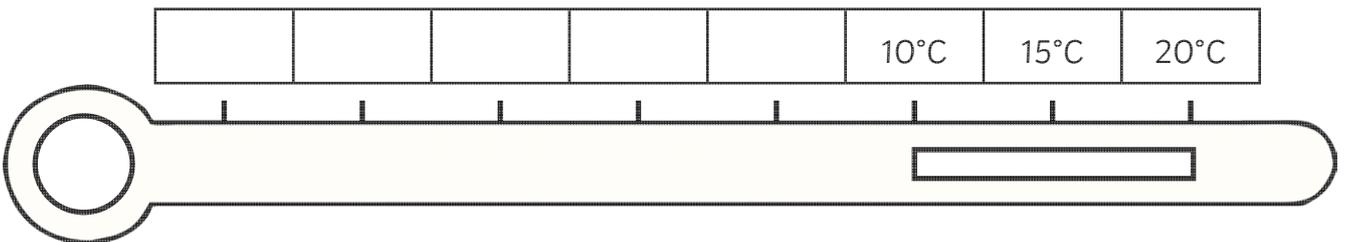
# Counting Forwards and Backwards with Positive and Negative Whole Numbers

I can count forwards and backwards with positive and negative whole numbers.

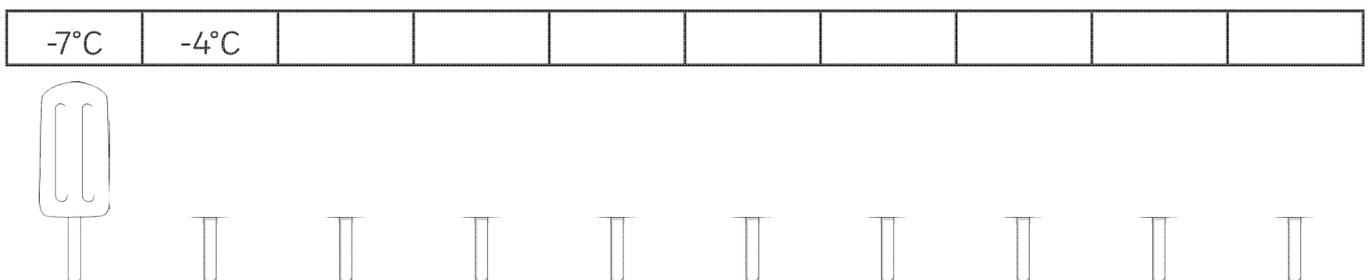
1. Continue this sequence. Colour in the thermometer to match your sequence.



2. Shade the thermometer lightly up to 20°C. Count backwards to continue this sequence and rub out as you go.

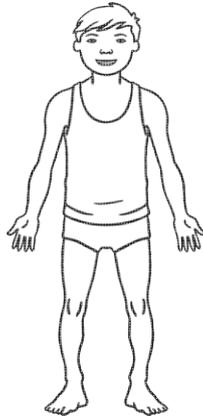


3. Look at the ice lolly on the stick. Count forwards to complete the sequence. As you count forwards draw the ice lolly as it continues to melt in the rising temperature. You should have nothing remaining in the last picture.



4. Continue this sequence backwards. As the temperature drops with each step, draw an extra item of clothing on the person.

					11°C	17°C	23°C
--	--	--	--	--	------	------	------



5. Figure out the step in each sequence then use the number line below to help you count forwards and backwards to complete them.



a.

					3	5	7
--	--	--	--	--	---	---	---

b.

-17°C	-12°C	-7°C					
-------	-------	------	--	--	--	--	--

c.

				4	9		19
--	--	--	--	---	---	--	----

d.

-31						17	25
-----	--	--	--	--	--	----	----

e.

			-\$6	-\$2			
--	--	--	------	------	--	--	--

f.

					11°C	15.5°C	20°C
--	--	--	--	--	------	--------	------

6. Look at the temperatures for these cities. Write the name of the warmest place in the box.

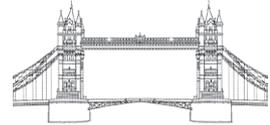
a.

New York	Moscow	Warmest
-3°C	-1°C	



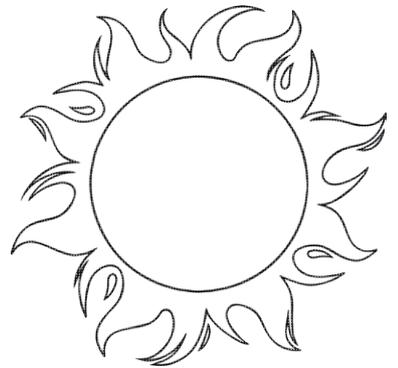
b.

Reykjavik	London	Warmest
-10°C	-3°C	



c.

Stockholm	Edinburgh	Warmest
-3°C	-1°C	



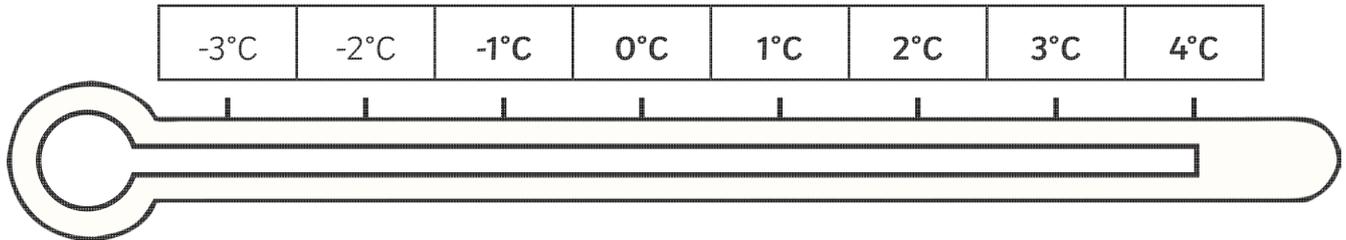
d.

Minsk	St. Petersburg	Warmest
-15°C	-17°C	

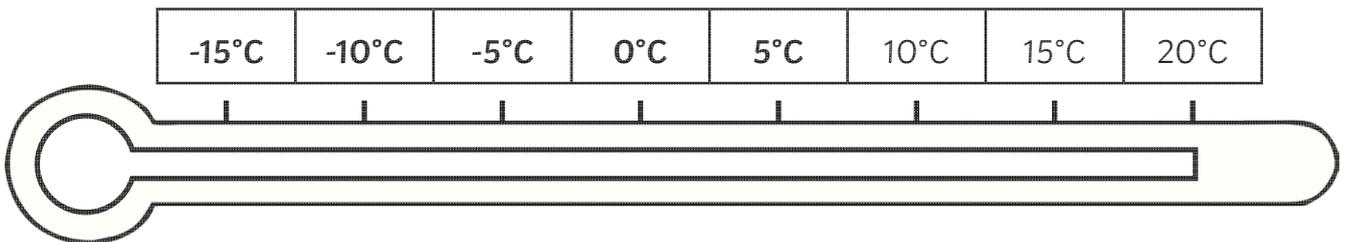
# Counting Forwards and Backwards with Positive and Negative Whole Numbers

## Answers

1. Continue this sequence. Colour in the thermometer to match your sequence.



2. Shade the thermometer lightly up to 20°C. Count backwards to continue this sequence and rub out as you go.



3. Look at the ice lolly on the stick. Count forwards to complete the sequence. As you count forwards draw the ice lolly as it continues to melt in the rising temperature. You should have nothing remaining in the last picture.



# Counting Forwards and Backwards with Positive and Negative Whole Numbers

## Answers

4. Continue this sequence backwards. As the temperature drops with each step, draw an extra item of clothing on the person.

-19°C	-13°C	-7°C	-1°C	5°C	11°C	17°C	23°C
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5. Figure out the step in each sequence then use the number line below to help you count forwards and backwards to complete them.



a.

-7	-5	-3	-1	1	3	5	7
----	----	----	----	---	---	---	---

b.

-17°C	-12°C	-7°C	-2°C	3°C	8°C	13°C	18°C
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c.

-16	-11	-6	-1	4	9	14	19
-----	-----	----	----	---	---	----	----

d.

-31	-23	-15	-7	1	9	17	25
-----	-----	-----	----	---	---	----	----

e.

-\$18	-\$14	-\$10	-\$6	-\$2	\$2	\$6	\$10
-------	-------	-------	------	------	-----	-----	------

f.

-11.5°C	-7°C	-2.5°C	2°C	6.5°C	11°C	15.5°C	20°C
---------	------	--------	-----	-------	------	--------	------

# Counting Forwards and Backwards with Positive and Negative Whole Numbers

## Answers

6. Look at the temperatures for these cities. Write the name of the warmest place in the box.

a.

<b>New York</b>	<b>Moscow</b>	<b>Warmest</b>
-3°C	-1°C	<b>Moscow</b>

b.

<b>Reykjavik</b>	<b>London</b>	<b>Warmest</b>
-10°C	-3°C	<b>London</b>

c.

<b>Stockholm</b>	<b>Edinburgh</b>	<b>Warmest</b>
-3°C	-1°C	<b>Edinburgh</b>

d.

<b>Minsk</b>	<b>St. Petersburg</b>	<b>Warmest</b>
-15°C	-17°C	<b>Minsk</b>