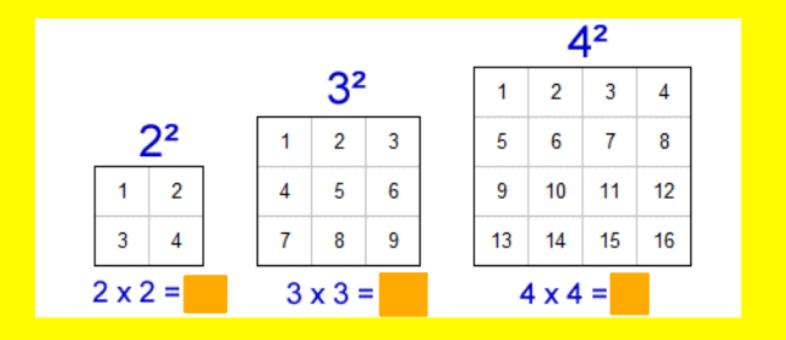
06.01.21

L.O. Recognise and use square numbers

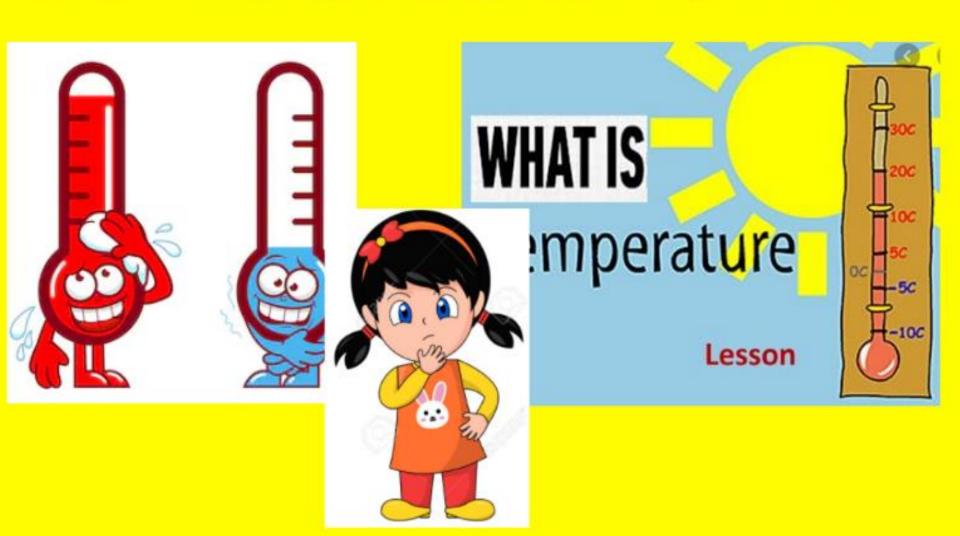
Remind me! What does this mean?

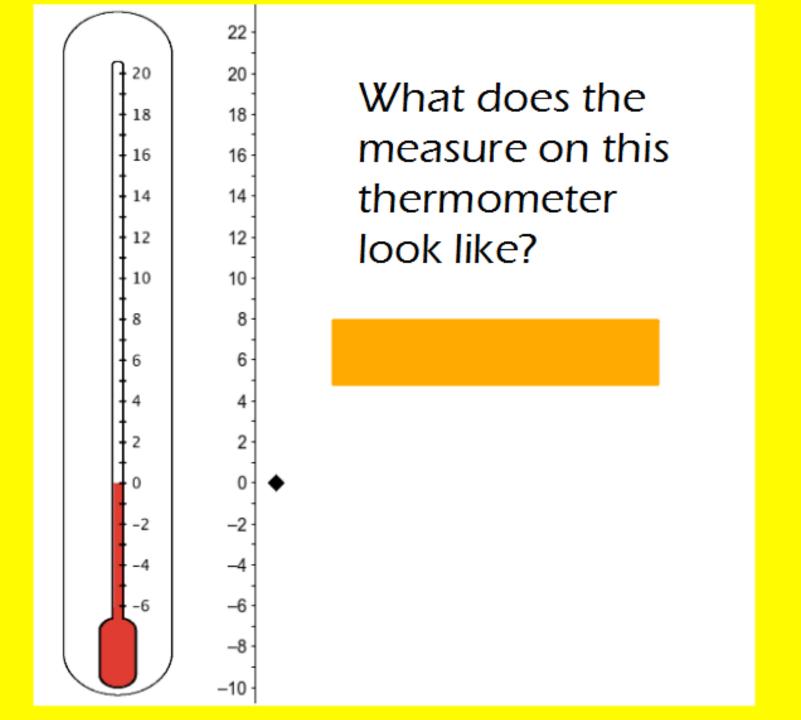


1 ²	1 × 1	1
2 ²		4
3 ²	3 × 3	
	4 × 4	16
5 ²		
		36
	7 × 7	
8 ²		
10 ²		100

06.01.21

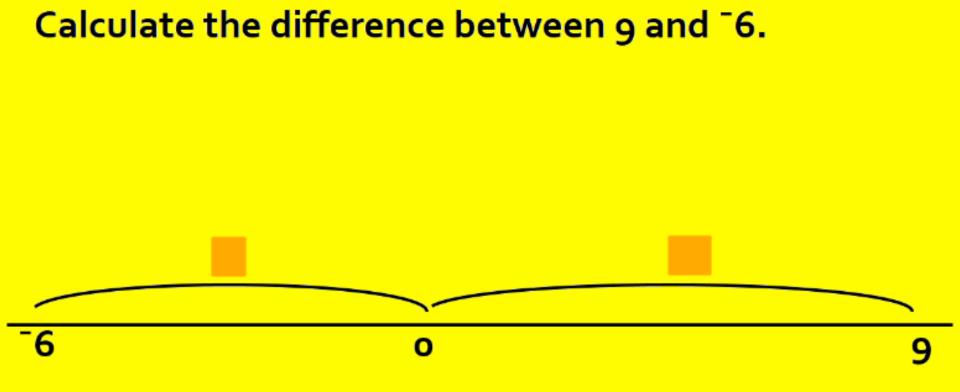
L.O. Calculating differences in temperature.





When we look at the increases and decreases in temperature, we use the same process as we have learnt for differences between positive and negative numbers.

Let's remind ourselves...



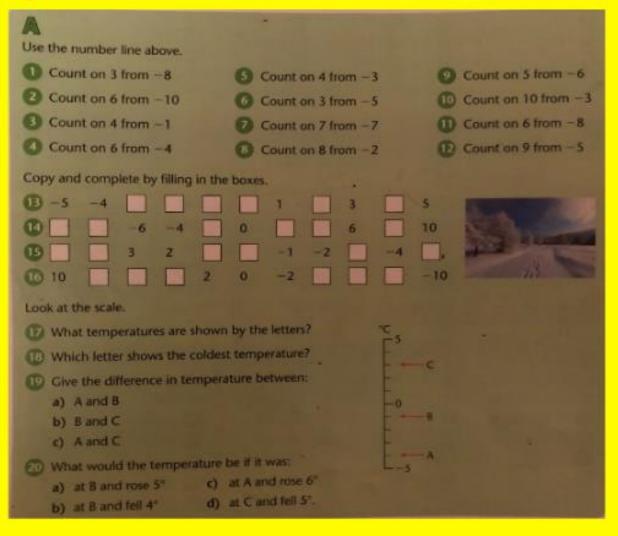
To calculate a difference: Largest number - Smallest number

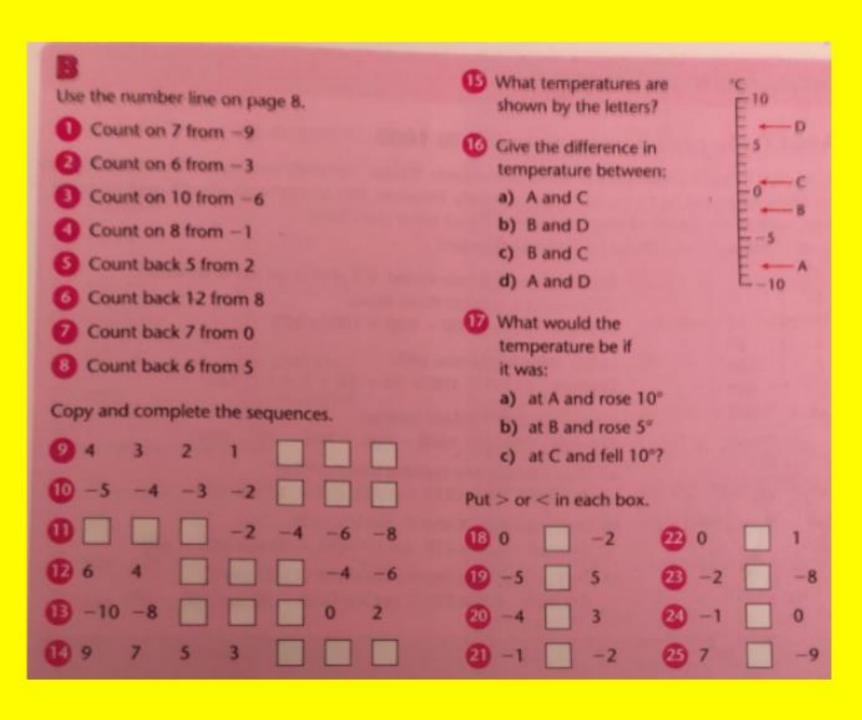
Answer:

9 - -6 (When you have two negatives together - you add!)
So 9 + 6 = 15

Choose the section you feel most comfortable completing before completing the extension and the plenary.

Once completed send via SeeSaw.





Find the difference between:

- 1 -2 and -5 5 -6 and -1
- 2 -7 and 1 6 0 and -3
- 3 4 and -1 2 2 and -4
- 4) −1 and 9
 8) −5 and 4.

Put these numbers in order, smallest first.

Copy and complete these tables showing changes in temperature.

B			Monday
	-2°C	+4°C	
	1°C	-3°C	
	O"C	-5°C	
	3°C	-4°C	
	-5°C	+3°C	
	-3°C	+5°C	

0	Sunday	Monday
	3°C	-3°C
	-4°C	-1°C
	-1°C	5°C
	5°C	-7°C
	0°C	-4°C
	-6°C	3°C

Edward went travelling around the world - can you follow his journey and figure out the changes in temperature that he experienced?



Edward started his journey in Preston where the weather was a cool 5 degrees. He hopped on a train to London. When he arrived there, the temperature had increased by 4 degrees. He took the ferry over to France and again, he saw a rise in temperature of 4 degrees.

After a night in Paris, he hitchhiked across to Spain and then to Italy where the temperature really rose! A whole 11 degrees warmer!

He hopped on a plane that took him to Sweden. He wished he had not worn his shorts as the temperature had dropped by 16 degrees! Brrrr! His next stop, across land to Norway and then aboard a cruise liner through the Nordic Fjords, took him to Iceland. He had to pull out his wooly hat and gloves as the temperature had dropped by a chilly 7 degrees.

What was the temperature in Iceland?

<u>Plenary</u>

Work to solve this problem!



In April Flash Harry bought a saddle for £100. In May he sold it for £200.

In June he was sorry he had sold it. So he bought it back for £300.

In July he got tired of it. So he sold it for £400.

Overall, did Flash Harry make or lose money? How much did he make or lose?