

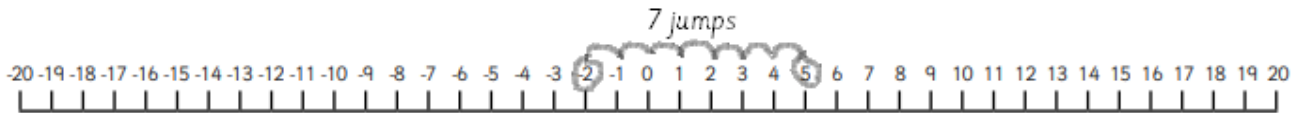
Y4 – Negative numbers

Subtracting

If I completed the calculation:

$$5 - 7$$

I wouldn't stop when I got to 0, I would keep going. I can use a number line to help me.



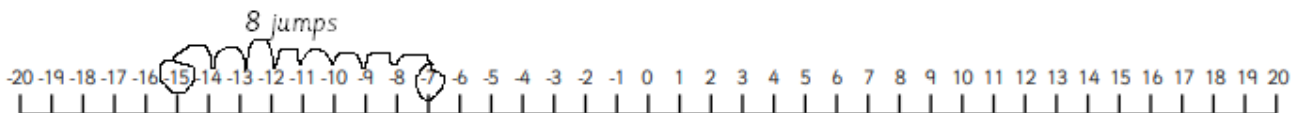
I started on 5 and jumped back 7 times. This gave me an answer of -2.

Adding

If I completed the calculation:

$$-15 + 8$$

I would start on -15 and jump 8 spaces to the right. I can use a number line to help me.



This gave me an answer of -7.

Guided Practice

Complete the calculation using the number line to help you.



1. $4 - 8 =$
2. $2 - 5 =$
3. $-8 + 5 =$
4. $-10 + 8 =$
5. $9 - 12 =$
6. $7 - 15 =$
7. $-9 + 5 =$
8. $-7 + 13 =$
9. $8 - 20 =$
10. $-6 + 18 =$

Independent Practice

Answer these word problems.

1. The temperature is 7°C then it falls by 9°C . What is the new temperature?

2. At six o'clock in the evening the temperature is 11°C . It falls by 14°C at night. What is the new temperature?

3. During the day the temperature is 1°C , by the evening it has fallen by 5°C . What is the new temperature?

4. The temperature is 3°C then it falls by 12°C the next day. What is the new temperature?

5. At nine o'clock in the morning the temperature is 5°C . It falls by 9°C at night. What is the new temperature?