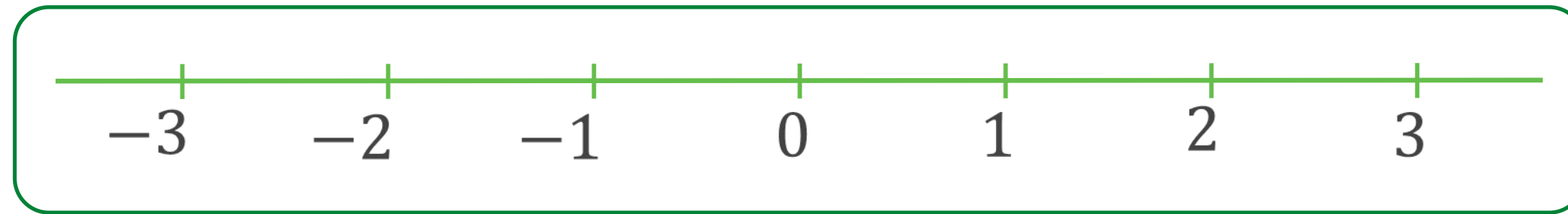Mathematics

Modelling Addition Worksheet

Mrs Buckmire

Try this

Find **five** numbers...

A ... that lie in between –3 and 3

B ... that lie in between –2 and 2
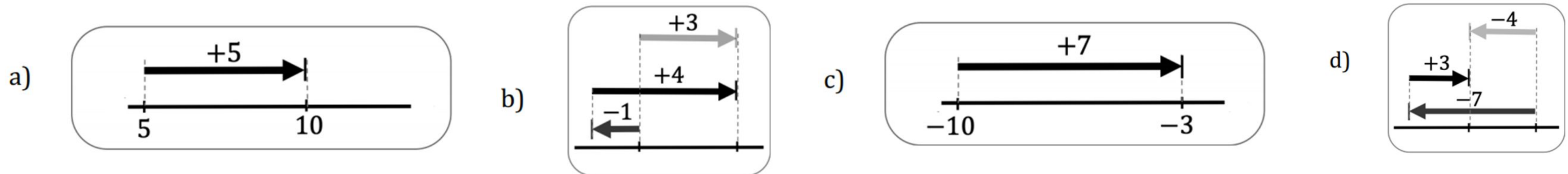
C ... that lie in between –1 and 1.

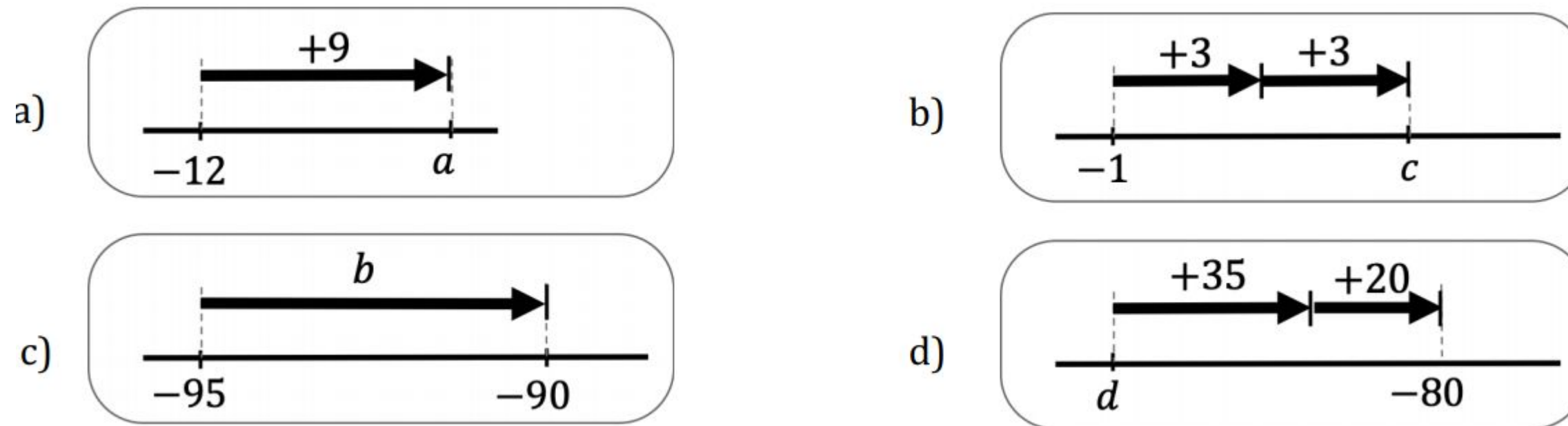**D** ... whose absolute value is less than 0.5

Resume the video once completed

Independent task

1. For each number line write a corresponding equation:

a)

+5

5   10

b)

+3
+4
−1

c)

+7

−10   −3

d)

−4
+3
−7

2. Calculate the following: a) (-33) + (33)   b) (-33) + 63   c) (-33) + 13   d) 33-13

3. For each number line find the missing values.

a)

+9

−12 a

b)

+3   +3

−1 c

c)

b

−95   −90

d)

+35   +20

d −80

Resume the video once completed

Explore

Two numbers **a** and **b** have the property that **a + b = –3** where **a < 0** and **b > 0**.

a) Suggest possible values for **a** and **b**.
b) Suggest possible values for **a** and **b** where the **absolute value of a is greater than 100.**
c) Suggest possible values for **a** and **b** where the **absolute value of b is greater than 1000**.
d) What do you notice about the **absolute values** of **a** and **b** ?

Resume the video once completed