Mathematics

Further Addition Worksheet

Mrs Buckmire

Try this

Continue the pattern in this grid by filling in the missing numbers.
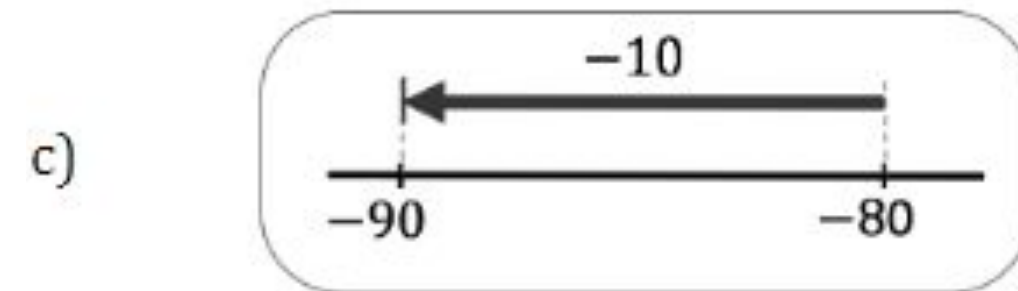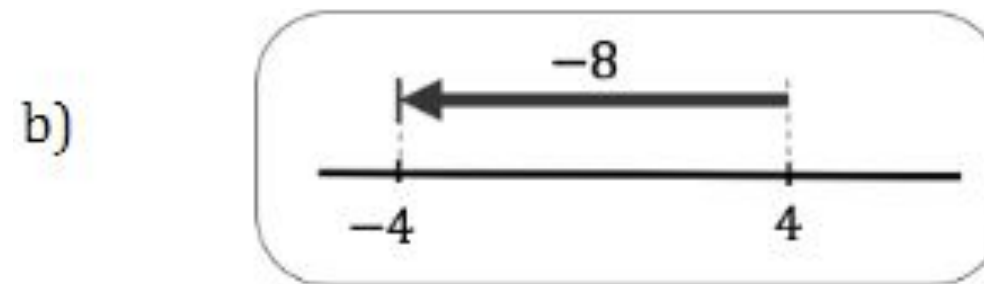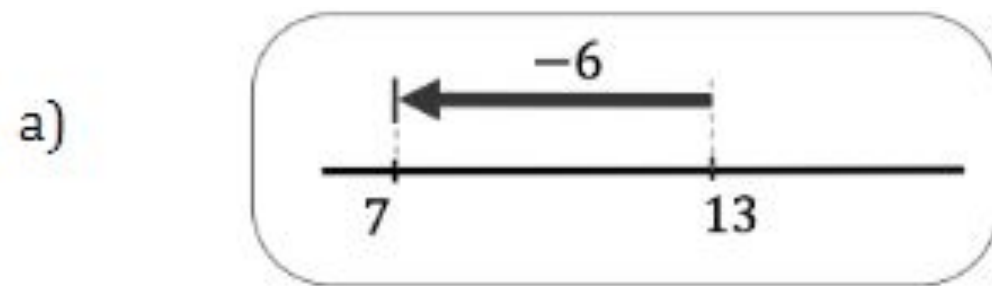
What patterns do you notice?

Independent task

1. Convert each of these sentences into an equation involving the **sum** of two numbers: a)
   A point starts at 3, is translated 10 spaces to the left and finishes at -7.

   b) A point starts at 3, is translated 3 spaces to the left.

   c) A point starts at -5, is translated 4 spaces to the left.

2. For each number line write a corresponding equation

a)

-6

7   13

b)

-8

-4 4

c)

-10

-90 -80

3. Calculate the following:

a) 7+(-7)   b) 7+(-7)+(-5)   c) 7+(-12)   d) 5+(-3)   e) (-3) + 5
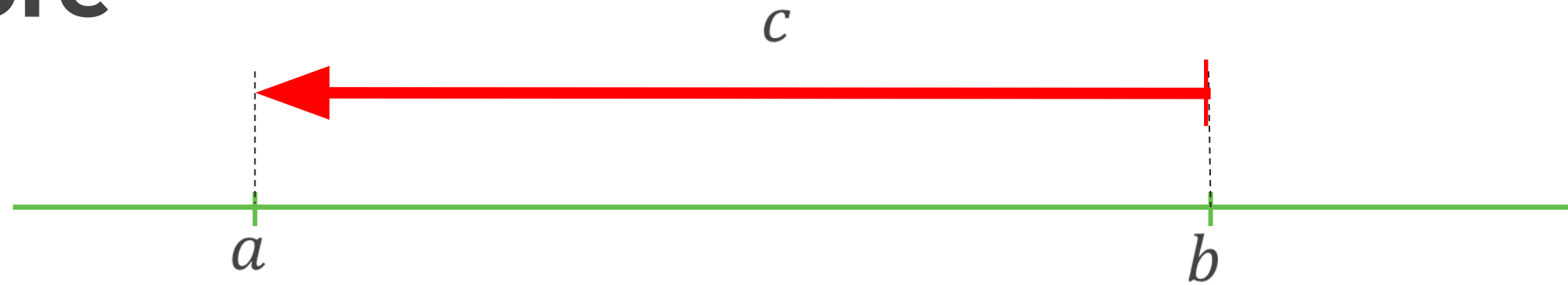
4. Phil thinks when you add two negatives together you always get a positive number.

Find a counter example to show that he is incorrect.

Resume video once completed

Explore

c

a b

Generate examples of values **for a , b and c** for each of the constraints:

A

If $a < 0$ **and** $b > 0$

B

$a < 0$ **and** $b < 0$

C

b and c have the same absolute value

D

a and c have the same absolute value.

Resume video once completed