Mathematics

Subtracting Negative Numbers Worksheet

Mrs Buckmire

Try this

How many ways can you put the integers in to the inequality to make it true?

-8 -5 -3 -1

$$\boxed{} + \boxed{} < \boxed{} + \boxed{}$$

Independent task

1. For each of the number lines write down two calculations, an addition and a subtraction:

a)

+10

2   12

b)

+3

−3   0

c)

−4   4

d)

−9   −3
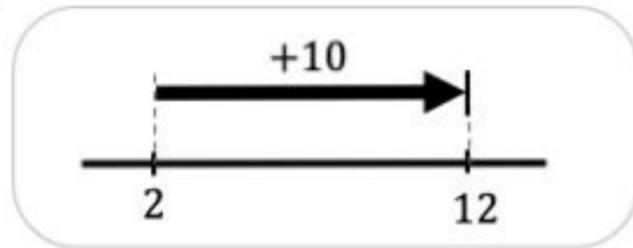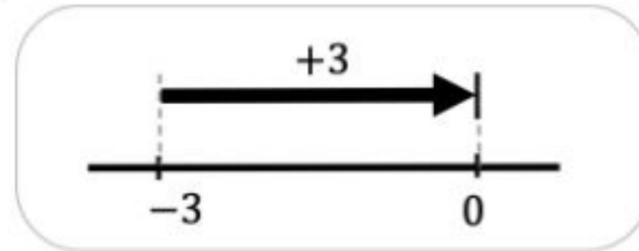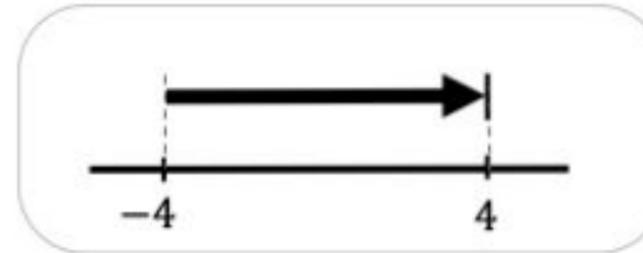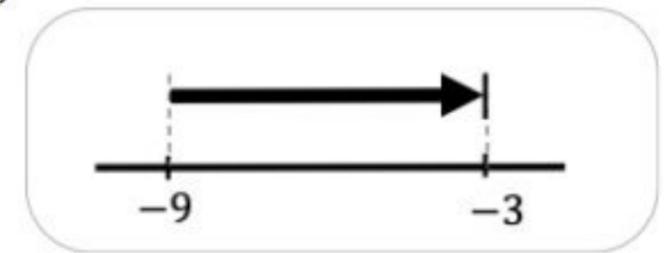
2. Identify the equal pairs of calculations, you do not need to calculate the value.

a) 7 - (-6)   b) -6--7   c) (-6)-(-6)   d) 6+(-6)

e) (-6)+6   f) (-6)+7   g) 6+6   h) 7+6

3. Calculate each of the following subtractions:

a) 90- (-100) b) 90-100   c) -90-(-100)   d) (-90)-100

e) 100-90   f) 100-(-90)   g) (-100)-90   h) (-100)-(-90)

Explore

What's the same and what's different about each of the following calculations?

$$-7 + 12$$

$$(-7) - (-12)$$

$$12 + (-7)$$

$$12 - 7$$

Which of these number lines could be used to represent them?