

## Activity:

The aim of this activity is for children to practise using calculations involving negative numbers. There are three questions to complete. The first two questions allow children to practise the skill, while the third question extends them as they have to problem solve and explain their answer.

## Vocabulary:

A **negative number** is a number less than zero. It can be represented on either a horizontal or vertical number line. A negative number is written with a minus sign in front of it. Example, - 4

## Supporting resources:

You can watch a video tutorial about negative numbers on [< kids.classroomsecrets.co.uk >> Year 6 >> Maths >> Place Value >> Video Tutorials.](https://kids.classroomsecrets.co.uk)

You can watch the answer explanation video which takes children through this activity and ways to answer it on [< https://www.youtube.com/user/ClassroomSecretsLtd/ playlists >> Year 6 Playlist >> Negative Numbers Answer Explanation.](https://www.youtube.com/user/ClassroomSecretsLtd/playlists)

## Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on [classroomsecrets.co.uk/membership](https://classroomsecrets.co.uk/membership).

**Check out our daily timetable for Year 6 home learning activities on [< kids.classroomsecrets.co.uk >> Home Learning Timetable.](https://kids.classroomsecrets.co.uk)**

## Negative Numbers

1.

-10 or below	Between 0 and -10	0 or above
$-10 - 16 = -26$ $-17 + 2 = -15$ $-9 - 4 = -13$	$3 - 12 = -9$	$-3 + 9 = 6$ $-2 + 18 = 16$

2. A. -£1

B. -£2, -£1.50

C. £1, -£5.50

D. -£2.50, -£9

3. Various answers, for example: Dr Banner is correct.

He could add chemicals A, E and F to his mixture which would increase the temperature to  $7^{\circ}\text{C}$  as  $-17 + 2 + 13 + 9 = 7$ .