

Activity:

The aim of this activity is for children to practise solving two-step equations. 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:

Expressions are numbers, symbols and operators (+, −, ×, ÷) that are grouped together to show the value of something. $2y + 6$ is an example of an expression. The expression can take different values depending on the value of y .

An **equation** like $y + 3 = 16$ for example, is different to an expression because y has a specific value to produce the answer 16.

Bar models show how numbers can be split into different parts, by splitting them into bars or boxes. Bar models can be used to solve a wide variety of calculations, showing the relationship between the whole model and the parts.

Supporting resources:

You can watch a video tutorial about two-step equations on kids.classroomsecrets.co.uk >> Year 6 >> Maths >> Algebra >> Video Tutorials.

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.

Check out our daily timetable for Year 6 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Two-Step Equations

1. C
2. A and C
3. Various answers, for example: $5 \times 2.5 + 7 = 19.5$; $5 \times 1.5 + 7 = 14.5$; $5 \times 4.5 + 7 = 29.5$