

Year 5 Understand Percentages – Guidance for Parents/Carer

Activity:

The aim of this activity is for children to demonstrate their understanding of percentages. There are a number of questions to complete. The first three questions allow children to practise the skill, while the next three questions extend them as they have to apply their learning to get the answer.

Vocabulary:

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.

Percentage means parts for each hundred. You write percentages using the % symbol.

Supporting resources:

You can watch a video tutorial about understanding percentages on kids.classroomsecrets.co.uk >> **Year 5** >> **Maths** >> **Decimals and Percentages** >> **Video Tutorials**.

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 5 Playlist** >> **Understand Percentages Answer Explanation**.

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 5 home learning activities on kids.classroomsecrets.co.uk >> Home Learning Timetable.

Understand Percentages

1. A. 60%; B. 63%; C. 70%
2. A. 50%; B. 47%
3. A. 8 squares shaded; B. 80 squares shaded
4. B is the odd one out because it represents 61%. A, C and D represent 60%.
5. F, D, C, A, E, B
6. Jake is correct because the bar model is split into 10 parts. Percentages are the number of parts out of 100 so 3 needs to be multiplied by 10 to find the percentage.