

# Year 5 Percentages as Fractions and Decimals– Guidance for Parents/Carers

## Activity:

The aim of this activity is for children to demonstrate their understanding of percentages as fractions and decimals. There are a number of questions to complete. The first four 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:

**Equivalent** means 'equal to' or 'the same'.

**Percentage** means parts for each hundred. Percentage is written using the % symbol.

## Supporting resources:

You can watch a video tutorial about understanding percentages as fractions and decimals on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> **Year 5** >> **Maths** >> **Decimals and Percentages** >> **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](https://classroomsecrets.co.uk/membership).

**Check out our daily timetable for Year 5 home learning activities on [kids.classroomsecrets.co.uk](https://kids.classroomsecrets.co.uk) >> Home Learning Timetable.**

## Percentages as Fractions and Decimals

1. A.  $0.12 = 12\%$ ; B.  $0.65 = 65\%$ ; C.  $0.42 = 42\%$
2.  $\frac{63}{300}$
3. False, the correct answer is 0.75.
4. A. 0.32; B. 24%; C. 36%
5. Class 5 have 40 pencils. Class 4 have 25 pencils. There are 35 pencils left which is 35%.
6. 75%, 74%, 72%, 70%, 25%
7. Hannah is correct,  $0.5 = 50\%$ . Sean is incorrect,  $\frac{50}{200} = \frac{25}{100}$  which is equivalent to 0.25 or 25%.