

## Activity:

The aim of this activity is for children to practise solving problems by reasoning using previous knowledge and known facts about certain sums. 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.

## Supporting resources:

You can watch a video tutorial about negative numbers on [kids.classroomsecrets.co.uk](https://www.classroomsecrets.co.uk) >> **Year 6** >> **Maths** >> **Multiplication and Division** >> **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 6 Playlist** >> **Reason from Known Facts 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](https://www.classroomsecrets.co.uk/membership).

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

## Reason from Known Facts

1. **A = 16, B = 9, C = 160**
2. **A, B, D, E are true.**
3. **A = 28mm, B = 280mm, C = 70 days, D = 35mm**