

Section 1: Equations

Crucial points

1. **Check your answer when solving equations**

When you solve an equation, always check your solution by substituting it into the original equation to make sure that it fits.

2. **When solving problems, make sure your answer makes sense**

Always look at your answers to problems in the light of the original question. If there are two solutions, do they both make sense, or should one be discarded? Think carefully about the meaning of a negative solution, since this may or may not be a valid solution.