

How to... solve problems

Checklist

- ☐ Read the question carefully
- ☐ Identify the key facts
- ☐ Think about which mathematical topics you need
- ☐ Draw a diagram or a graph
- ☐ Can you add something to a diagram you've been given?
- ☐ Can you simplify the problem?
- ☐ If the problem is algebraic, can you try it with numbers first?
- ☐ Work out a strategy for solving it
- ☐ Present the solution logically
- ☐ Does the solution relate to the context of the problem?
- ☐ Does the solution use all the information given in the problem?