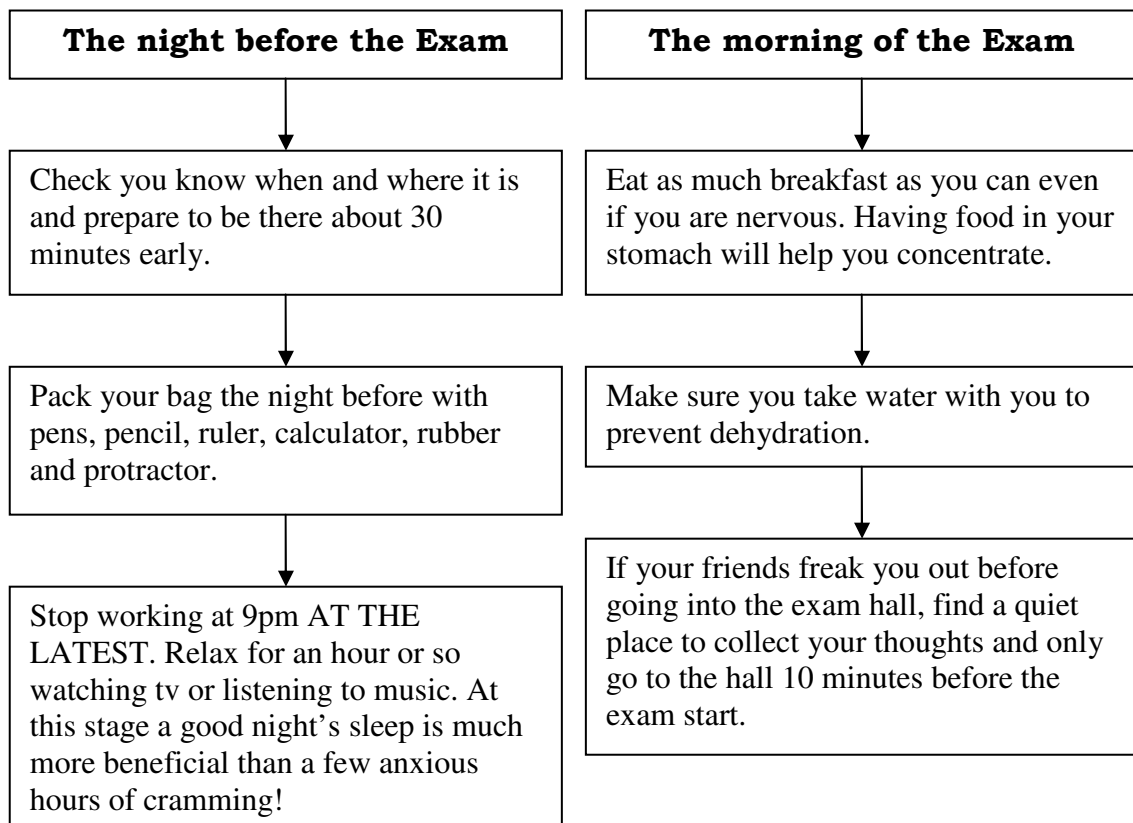
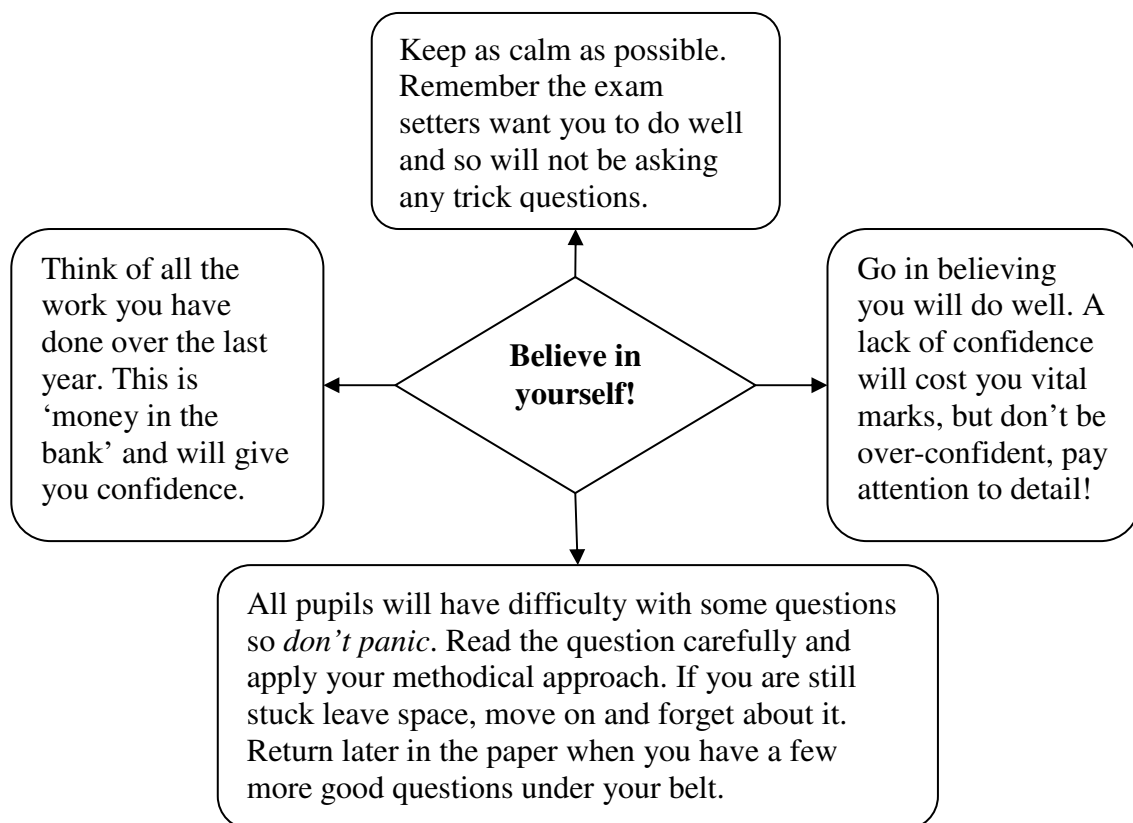
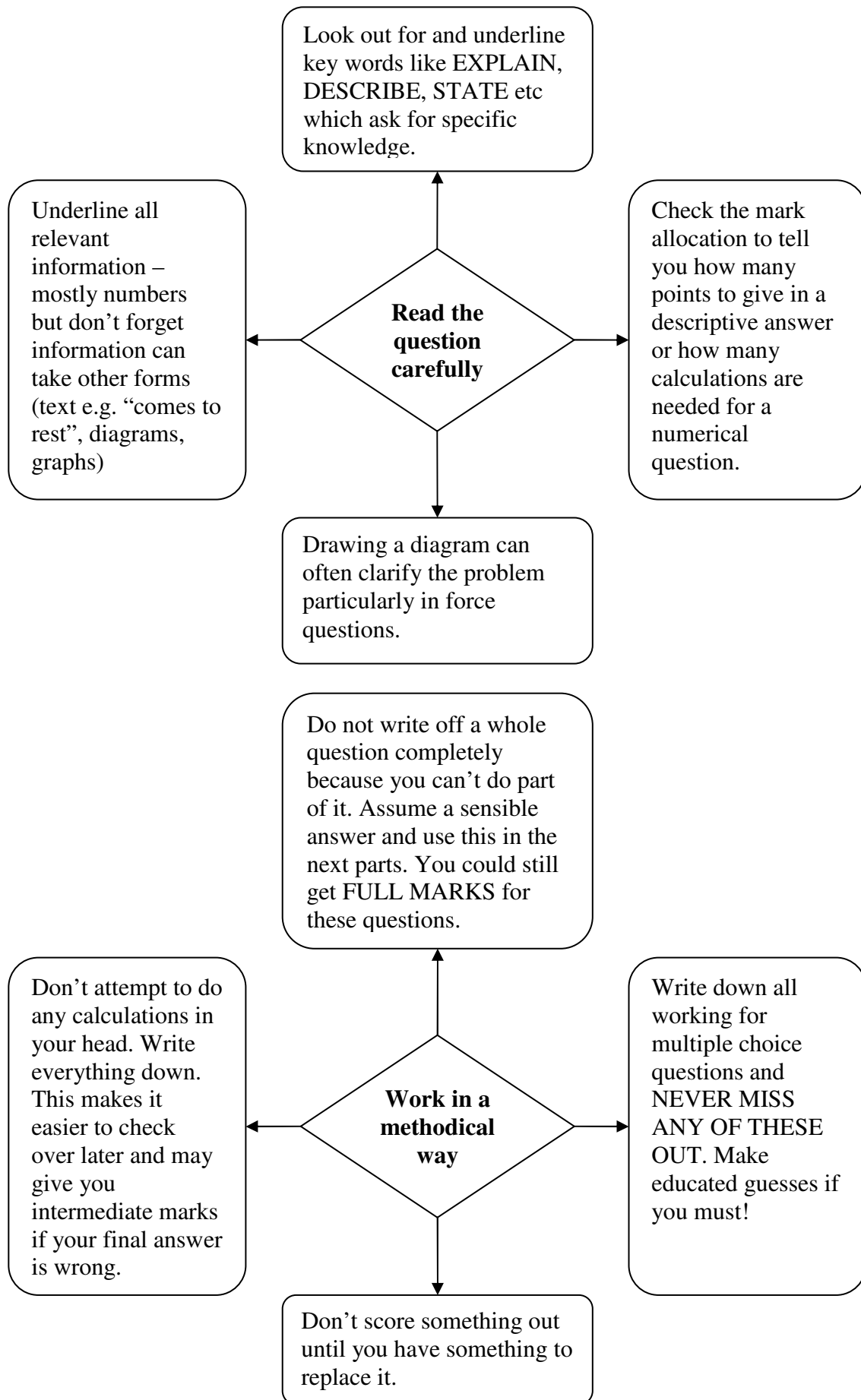


Exam Hints for Physics

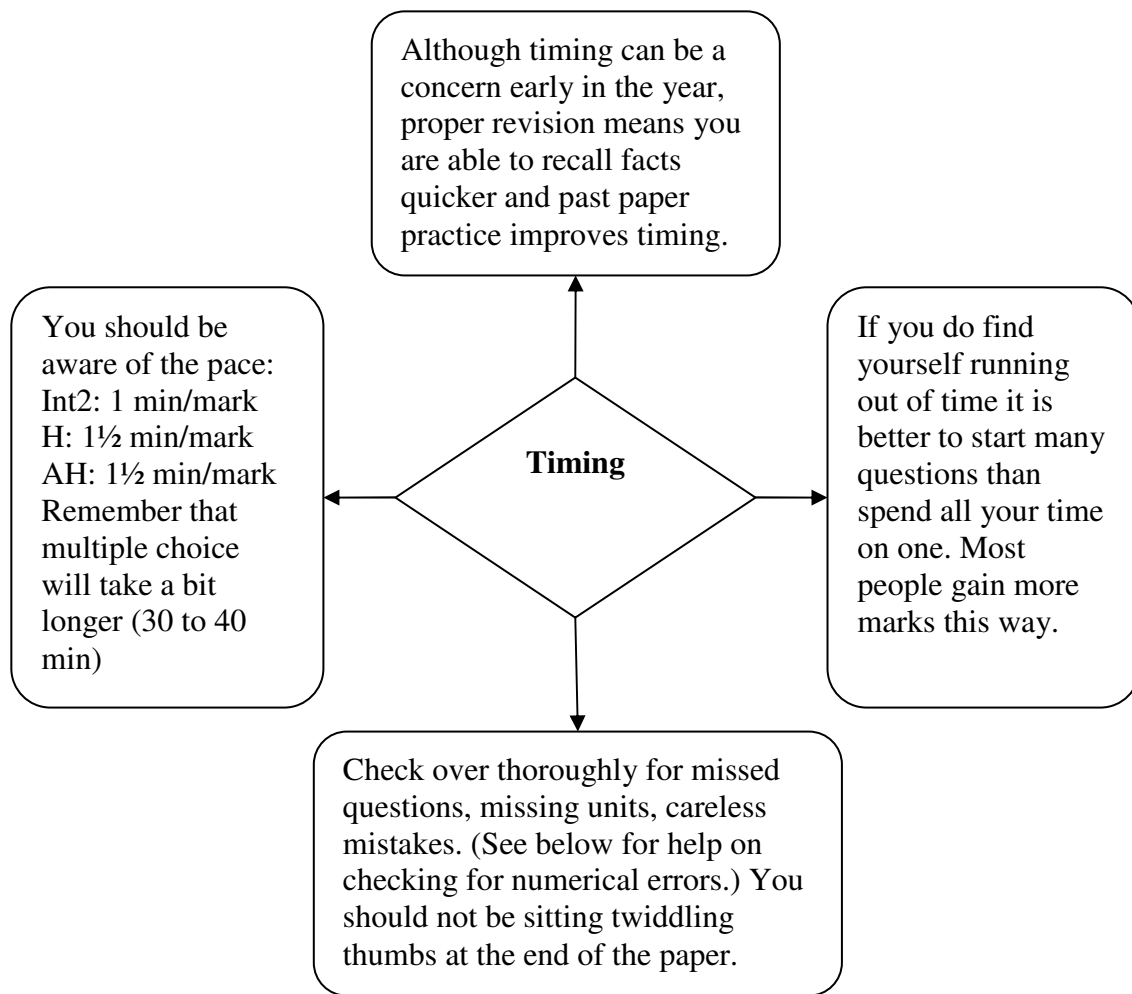


During the exam





See the document **Problem Solving in Physics** for more information on methodical working.



Checking by Resubstitution

If you have used a formula to calculate a value, try re-substituting your answer on the right hand side (RHS) of the original formula and check you get the original left hand side (LHS) back. (This only makes sense if you have been working out a value on the RHS.) It is made clearest by a very simple example but can be applied to more difficult ones.

A girl walks 10m at a speed of 2 ms^{-1} . How long will this take?

Original Calculation

$$d = vt$$

$$10 = 2 \times t$$

$$t = 5s$$

Re-substitution

$$d = vt \quad \text{Quote the original formula}$$

$$d = 2 \times 5 \quad \text{Substitute the values on the RHS}$$

$$d = 10 \text{ m} \quad \text{Check succesful – original LHS}$$

After the Exam

If your friends dissecting the paper freaks you out, then don't do it!

Have a few hours off as a reward for all that hard work! Do something you enjoy. If you don't have an exam the next day, take the night off.

Score another exam off the list!