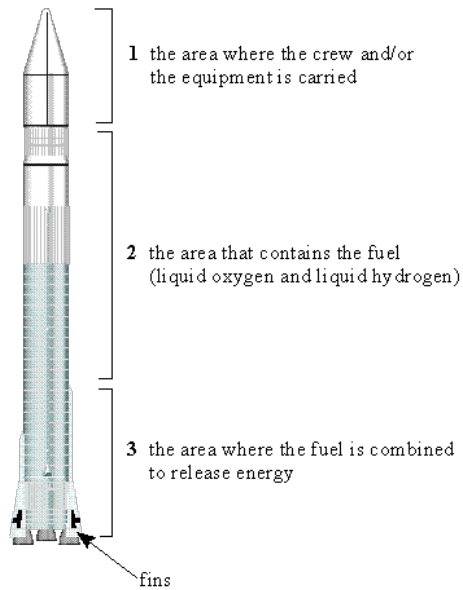


# Space rocket

This task is about space rockets.

Rocket – Stages



Use this diagram to answer the questions that follow.

a) How does the shape of the rocket help it travel through air and space?

b) The area of the rocket containing fuel (area 2) is large. Why does a rocket need so much fuel?

c) What are the fins for?

d) i) When area 1 of the rocket returns to the Earth, its fall must be slowed down so that it is not damaged and the astronauts are kept safe. How could they slow down the fall of this part of the rocket?

ii) Where on the Earth would you want this part of the rocket to fall so that there is as little damage as possible?

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