

5 Which statement explains why aluminium is used in the manufacture of aircraft?

- A It conducts heat well.
- B It has a low density.
- C It is a good insulator.
- D It is easy to recycle.

6 Which row links the property of a metal to its use?

	property	use
A	high density	aircraft bodies
B	high reactivity	food containers
C	good electrical conductor	cooking pans
D	ductile	electrical wiring

7 Overhead power cables made from (steel-cored) aluminium are used to carry electricity over long distances.

Which property of (steel-cored) aluminium makes it suitable for use in power cables?

- A Aluminium has a low density.
- B Aluminium has low strength.
- C Steel is a good conductor of heat.
- D Steel is resistant to corrosion.

8 Which uses of the metals shown are correct?

	aluminium	stainless steel
A	aircraft bodies	car bodies
B	car bodies	aircraft bodies
C	chemical plant	food containers
D	food containers	cutlery

9 Which row links a property of aluminium to its stated use?

	property	use
A	high strength	food containers
B	resistance to corrosion	food containers
C	high density	manufacture of aircraft
D	good electrical conductivity	manufacture of aircraft