

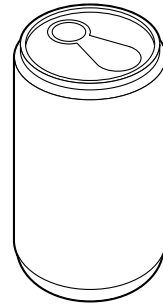
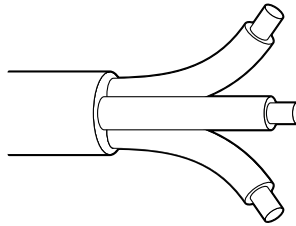
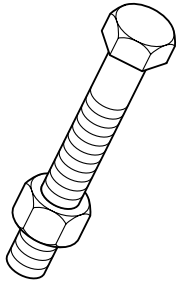


Name: Form:

See pages 20 and 21 of *Properties of materials*

Common metals

Weight for weight, metals are among the strongest materials. They can be made into many shapes, they will stand up to high temperatures and many of them are cheap to make.



Q1. Here are some names of metals – gold, steel, copper and aluminium. Use them to label the four metal objects in the diagram.

Q2. Which metal is used to make girders?



Q3. Why is the metal in Q2 used to make girders?



Q4. Which metal is used to make aeroplanes?



Q5. Why is the metal in Q4 used to make aeroplanes?



Q6. (a) Which metal rusts? (b) How can you tell it has rusted? (c) How can rust be stopped?

(a)

(b)

(c)