Hand-in Wednesday 14th May

9Ac1 Inheritance – true or false?

For each statement, say if it is true or false. For each false statement, write out a correct version.

**1** The colour of your eyes is a characteristic that is inherited.

**2** You inherit characteristics from your mother only.

**3** Your brothers or sisters inherit exactly the same characteristics as you.

**4** All animals inherit some characteristics from their parents.

**5** Plants are not able to inherit characteristics.

**6** Not all characteristics are inherited.

**7** The environment has no effect on your characteristics.

**8** Genes carry genetic information and are found inside every cell.

**9** There are half as many genes in gametes as there are in normal body cells.

**10** Fertilisation is when a sperm cell fuses with an egg cell.

**11** A fertilised egg cell only contains half the genetic information of a normal body cell.

**12** Identical twins form from a single egg cell and a single sperm cell.

**[ knowledge ]**

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