

**GCSE Biology A (Gateway)**

**J247/04 Biology A B4-B6 and B7 (Higher Tier)**

**Question Set: 11**

1 The data in the table shows the ratio of males to females in England and Wales.

	<b>Ratio of males to females in England and Wales</b>
At birth	105 males: 100 females
Average over the whole population	98 males: 100 females

(a) Describe how sex is determined in humans.

You may use a genetic diagram in your answer.

[2]

(b) In 2015 there were approximately 698 000 babies born in England and Wales.

Calculate how many of these were male.

[2]

(c) There are more females than males living in England and Wales as an average over the whole population.

Suggest **one** reason why there are more females.

[1]

**Total Marks for Question Set 11: 5**

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