

GCSE Biology A (Gateway)

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

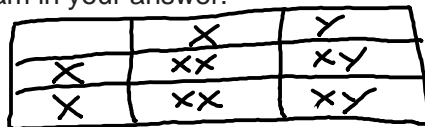
Question Set: 11

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

	Ratio of males to females in England and Wales
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.

XX = Female
XY = male



[2]

- (b) In 2015 there were approximately 698 000 babies born in England and Wales. Calculate how many of these were male.

$$\frac{698\,000}{205} \times 105 = \underline{\underline{357\,512}}$$

[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.

Males don't live as long

[1]

Total Marks for Question Set 11: 5

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