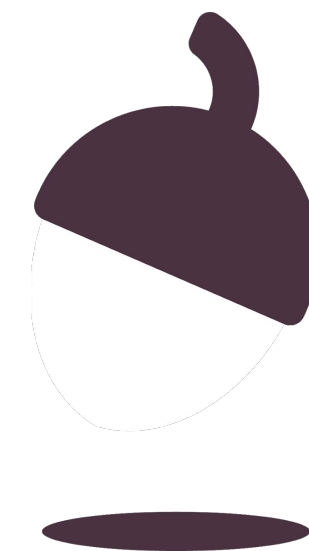


Combined Science - Biology - Key Stage 4

Sex Determination

Mrs Gibbs



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Describe how DNA is arranged in human cells.

- *Where is it located?*
- *How is DNA stored?*
- *How many?*



Complete the diagram and determine the probability the offspring will be male.

		Father		Percentage:
		X	Y	
Mother	X			Ratio:
	X			Proportion:

A couple are expecting a baby. They already have a daughter.

- a) What is the probability their next child will also be a girl? **(1)**
- b) Explain your answer. **(2)**

