

0	1
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1

A horse breeder wants to clone his successful race horse.

Describe how adult cell cloning could be used to produce a clone of the race horse.

[4 marks]

0	1
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2

Suggest why some people might be against the idea of a horse breeder cloning race horses.

[1 mark]

0	1
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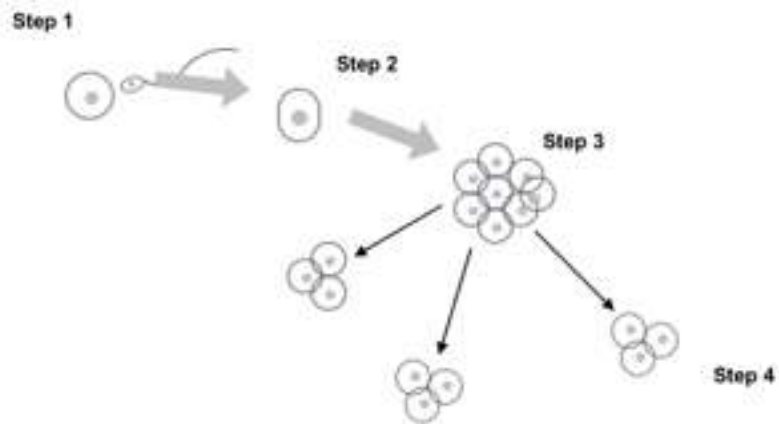
3

Cloning can be described as a form of asexual reproduction.

What is meant by asexual reproduction?

[3 marks]

The diagram below shows another way that clones can be made of animals



0	1	.	4
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Name the process that is occurring in **step 1**.

[1 mark]

0	1	.	5
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Name the structure in **step 3**.

[1 mark]

0	1	.	6
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Describe what is done next with the three structures in **step 4** in order to produce clones.

[2 marks]

0	1	.	7
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It is important to carry out **step 4** within a few days of **step 1**.

Suggest why.

[1 mark]
