



Chromosomes and Mitosis

1 Where in the cell are chromosomes found?

- In the DNA
 In the nucleus
 In the Cytoplasm

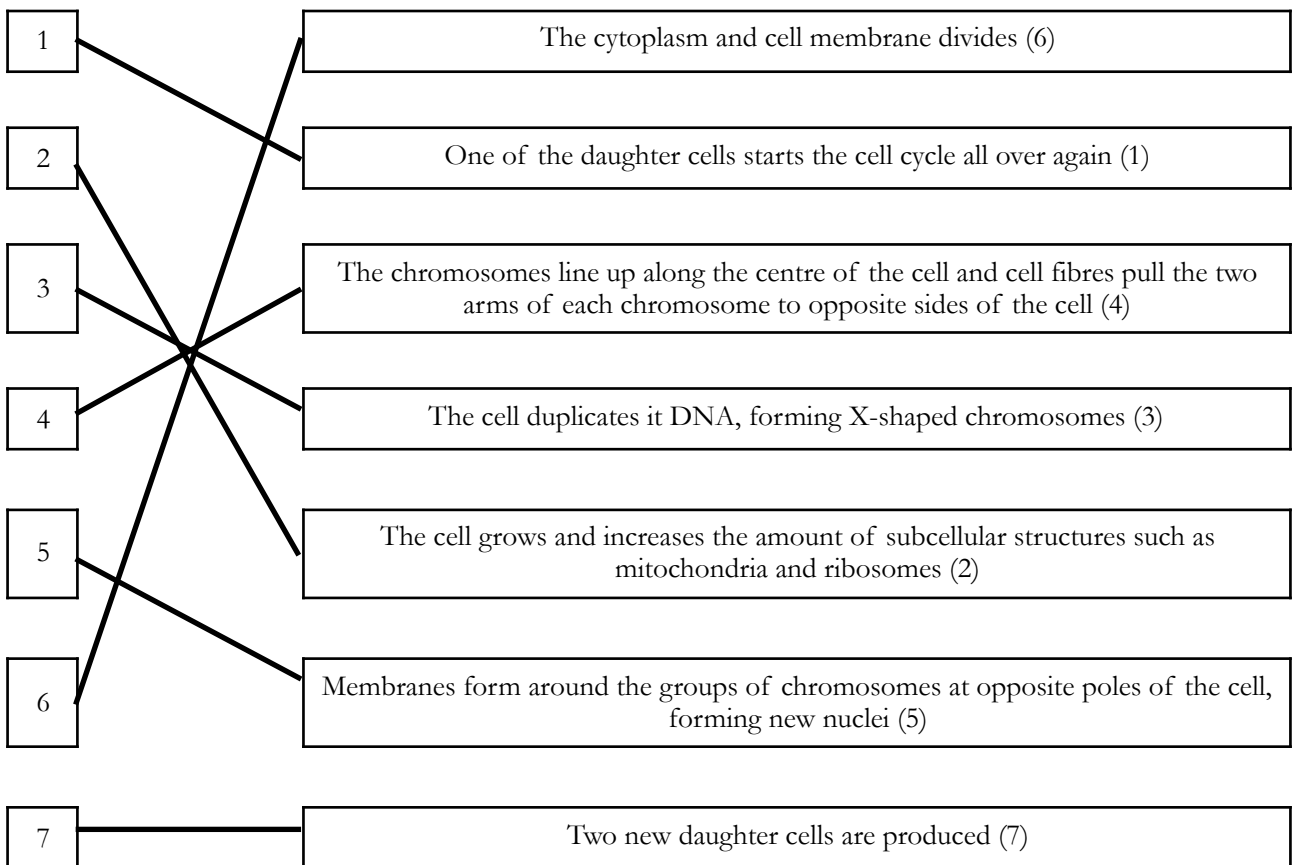
[1 mark]

2 How many cells are made through the process of mitosis

- 1
 2
 4

[1 mark]

3 The cell cycle consists of a number of stages. Order the events in the list below. The first one has been done for you



[6 marks]

GCSE Biology

4 Which statement about human cells is correct?

The haploid number of chromosomes is 23 and the diploid number is 46

The haploid number of chromosomes is 46 and the diploid number is 23

The diploid number of chromosomes is 24 and the triploid number is 36

[1 mark]

4 Mitosis is a vital process in human bodies. Give two reasons we need the new cells generated from mitosis

2 of the following:

- Growth
- Repair
- Development

[2 marks]

[Total 11 marks]