

6 Mitosis is part of the cell cycle.

(a) Give **two** roles of the cell cycle.

(2)

1.....

2.....

(b) For each of the statements about mitosis below, place a cross ☒ in the box that identifies the correct word or words.

(i) The following disappear during prophase in an animal cell

(1)

- A nucleus and centrioles
- B nucleus and nucleolus
- C nucleolus and mitochondria
- D nucleus and ribosomes

(ii) The following are formed during prophase in an animal cell

(1)

- A DNA
- B Golgi apparatus
- C mitochondria
- D spindle fibres



