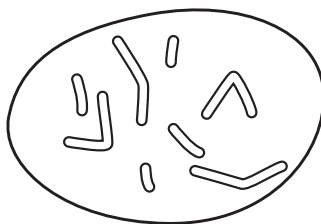


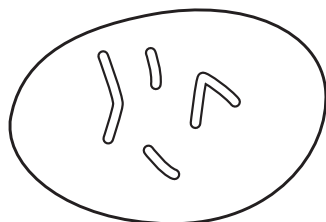
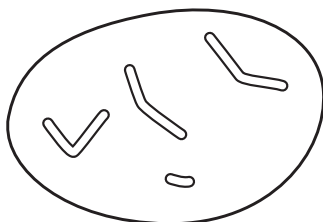
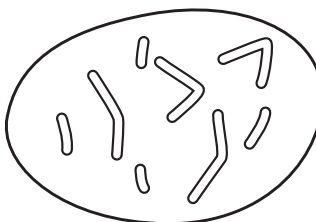
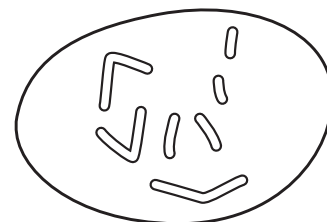
33 What are stem cells?

- A** specialised cells that divide by meiosis to produce daughter cells
- B** specialised cells that divide by mitosis to produce daughter cells
- C** unspecialised cells that divide by meiosis to produce daughter cells
- D** unspecialised cells that divide by mitosis to produce daughter cells

IGCSE Biology: s25 21

29 The diagram shows the chromosomes in the nucleus of a cell that divides by mitosis.

Which diagram shows the chromosomes in the nucleus of one of the daughter cells produced?

A**B****C****D**

IGCSE Biology: s25 23

31 The diagram shows the cells of a mammalian embryo shortly after fertilisation.

What is the correct description of these cells?

- A** embryo cells undergoing meiosis
- B** gametes undergoing mitosis
- C** stem cells undergoing mitosis
- D** zygote undergoing meiosis

31 The graph shows how the mass of DNA changes during a mitotic cell division.

Where on the graph are **two** cells formed?

