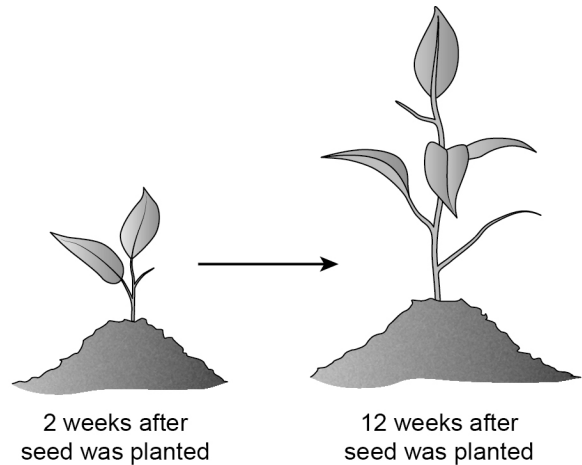


Name _____ Class _____ Date _____

1 The drawings show **growth** in the plant.
Complete this sentence.

Growth means:



2 Cross out the wrong underlined words so that the sentences below are correct.

- a Growth in plants begins with **cell division**. This increases the length / number of cells.
- b Growth in plants continues with cell **elongation**. This increases the length / number of cells.
- c In animals there is no cell division / elongation during growth.

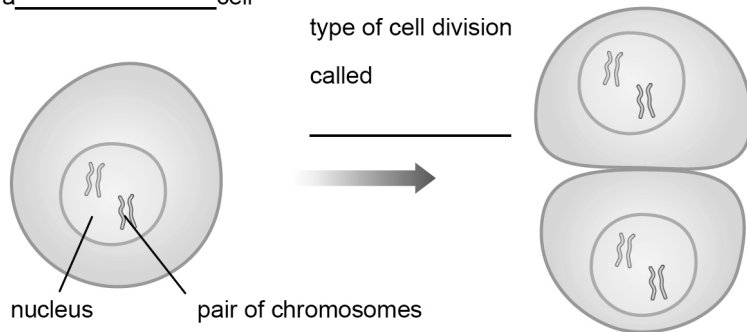
3 Describe one way that the growth of a child could be measured.

4 The diagram shows the division of a cell. Label the diagram using words from the box.

diploid	daughter	identical	mitosis	parent
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Before division:
the one _____ cell has
pairs of chromosomes, so this is
a _____ cell

After division:
the two _____ cells
are genetically _____



5 State why the cell division in the diagram above is important for the repair of damaged tissues.

6 The cell division in the diagram produces new individuals during **asexual reproduction**. State whether the new individuals will be genetically identical to or different from the parent. Give a reason for your answer.
