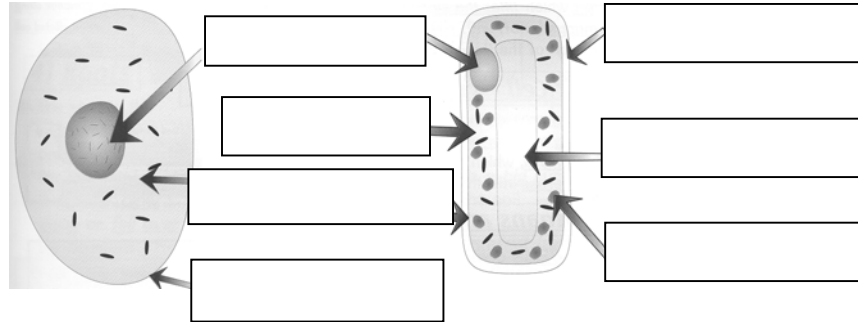


Year 7 Cells and Reproduction.
Revision

1. The following shows two cells, one plant and one animal.



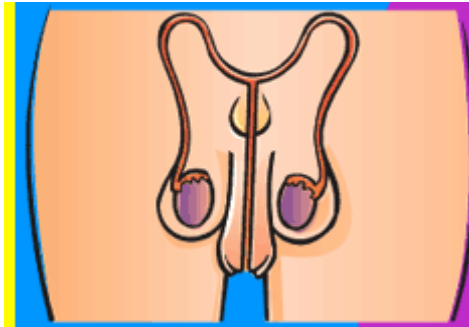
Clearly label which is **the animal cell**, and fill in all the boxes. (8)

2. Describe the difference between sexual and asexual reproduction, and give an example of an organism which uses each kind of reproduction. (3)

3. Draw one specialized cell, and describe how it is adapted to its function.

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4. Label the following diagrams of the male and female human reproductive systems fully. (9)

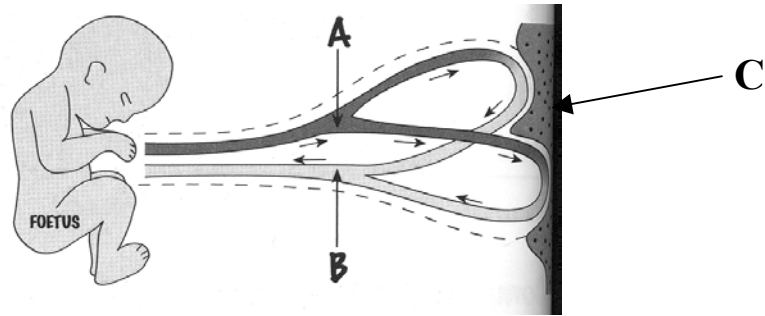


Complete the following table for some of the structures you have identified. (7)

Structure	Function

5. How is sexual reproduction in frogs essentially different from from in humans? 1






6. Here is a picture of a baby inside it's mother's womb. The arrows show blood flow.



Name the structure labeled C (1)

What differences will there be in the content of the blood at points A and B? (3)

7. Match up the following terms with their descriptions.

PLANT GROUP:	DESCRIPTION:
MOSSES 	<ul style="list-style-type: none"> No roots, stems or leaves. Found in water.
FERNS 	<ul style="list-style-type: none"> HAS roots, stems and leaves. Reproduce by SPORES.
CONIFERS 	<ul style="list-style-type: none"> No ROOTS, simple leaves and stem. Reproduce by SPORES.
ALGAE 	<ul style="list-style-type: none"> Produce POLLEN and/or EGG CELLS. Seed develops from part of flower.
FLOWERING PLANTS 	<ul style="list-style-type: none"> NEEDLE-LIKE leaves. Produce SEEDS on CONES.

8. Put the following words in the order in which they occur in the first column of the table. Then write down the meaning of each one. (8)

fertilization, pollination, dispersion, germination

Word	Meaning

9. Briefly describe how each of the following structures does its job. (5)

