Worksheet 1.10.6 Learning how a foetus develops

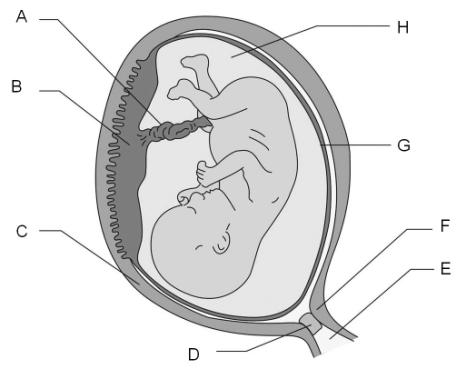
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1 Development in the uterus >

Look at the diagram of the pregnant uterus.

a) Name all the parts shown on the diagram. Use these words:

placenta, umbilical cord, amniotic fluid, amniotic sac, cervix, vagina, wall of the uterus, mucus plug



b) Complete the following passage using the words from this list:

protect, uterus, reproducing, amniotic fluid, placenta, oxygen, nutrients, umbilical cord

Growth means that the cells are .................................... The foetus attaches to the wall of the .........................................; this connection develops into the ......................................... The foetus connects to the placenta through the ………………………… This provides glucose, ………………………… and ....…………………… from the mother. As it gets bigger, a sac filled with ………………………… grows around the developing foetus. Its job is to ………………………… the foetus from bumps.

2 How does the foetus change with time? >>

Describe the job of the following parts of the pregnant uterus:

a) placenta b) umbilical cord c) amniotic fluid d) uterus

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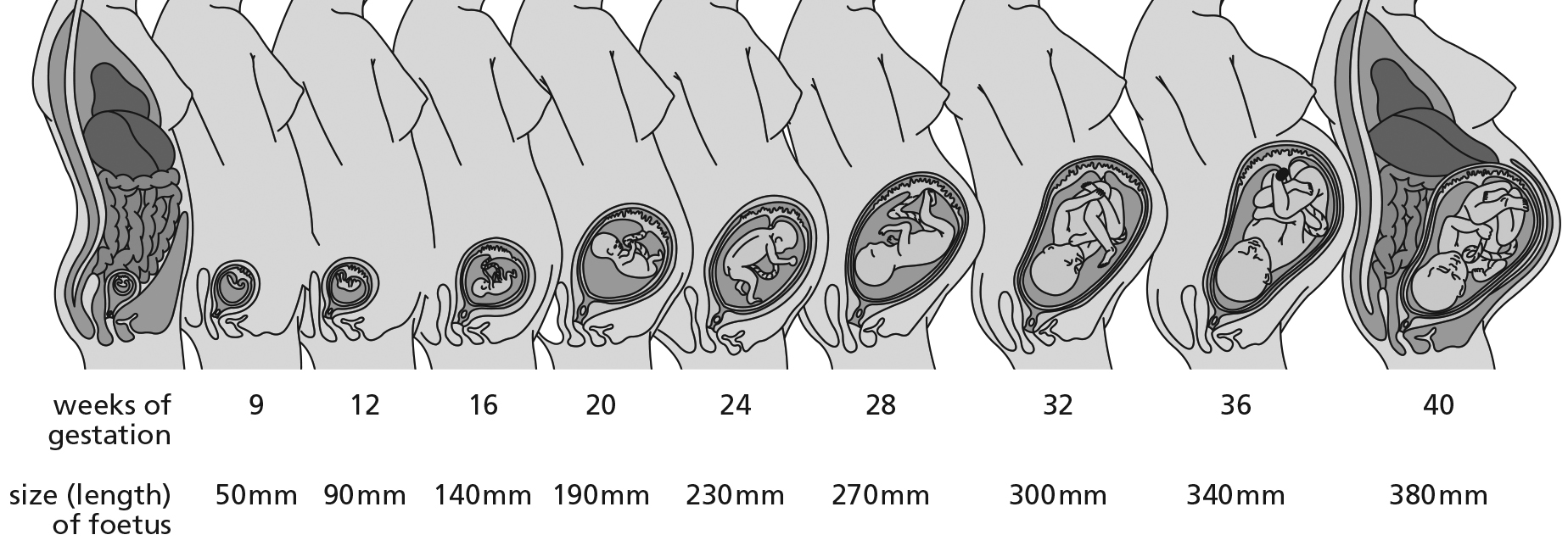
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Look at the images of the foetus as it changes with time and the data below it. Draw a graph to show how the length of the foetus changes during the course of pregnancy. Describe the pattern of the graph.



3 Animals without a placenta >>>

Tadpoles and birds are examples of animals that develop without a placenta that links them to the mother’s blood supply.

Do some research and, with the aid of drawings, explain how these organisms develop.

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