

You will need a copy of Worksheet 7Ba/2.

Your teacher will tell you which of the following questions to answer.

- ?**
- 1
    - a What does the 'time for development' mean?
    - b Which animal on the sheet has the shortest 'time for development'?
    - c How many months does it take for a baby gorilla to develop?
    - d How long is a baby gorilla cared for after it is born?
  - 2 Human offspring are produced by internal fertilisation. The fertilised egg cells develop inside the mother – internal development.
    - a Name two other animals which use internal fertilisation and internal development.
    - b Name two animals which use internal fertilisation but external development.
    - c Name two animals which use external fertilisation and external development.
  - 3 Edward has been asked to describe the pattern between the number of offspring that a mammal has and the amount of aftercare. He has started his answer. Copy the start of his answer and complete it.
 

*Some mammals have lots of offspring but do not spend much time looking after them. Other mammals have fewer offspring but*
  - 4
    - a Suggest one reason why internal development is an advantage for the offspring.
    - b Suggest one reason why aftercare is an advantage for the offspring.
  - 5 Describe the pattern between the sort of development and the number of offspring. Look at all the animals.
  - 6
    - a Describe the pattern between the amount of aftercare and the survival rate.
    - b Try to give a reason for this pattern.
  - 7 Which features of reproduction are the same for all mammals?
  - 8 Josh looked at Worksheet 7Ba/2 and wrote 'Most amphibians use external fertilisation'. Do you think that there is enough data in this table to be able to say this? Explain your answer.
  - 9 The figures for survival rate in humans are for the UK.
    - a Suggest reasons why the survival rate is so high.
    - b The survival rate for humans in poorer countries is lower. Suggest why.

## **S** considering