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Section 2.2 Sexual Reproduction in Animals

Read pages 51-59

1) What are the four fundamental processes that allow animals to reproduce sexually?
2) What can happen once the offspring matures?
3) Copy Figure 2.7
4) Which cells in the diagram are haploid?
5) Which cells in the diagram are diploid?
6) What requirements must be met in order for sexual reproduction to be successful?
7) Define the process of mating.
8) Why do some animals have a specific time of year in which they mate?
9) What are the two main patterns of fertilization in animals?

10) Define both patterns of fertilization in number 9.
11) How do most water-dwelling animals reproduce?
12) How do adult anemones reproduce?
13) What does this method rely on?
14) Define the process of spawning.
15) What do anemones do to increase their chances that their gametes will meet?
16) How do most animals on land reproduce?
17) How do all mammals fertilize their eggs?
18) The mother retains and the within her
19) What is the benefit of this process?
20) What do the reproductive cycle of mammals require from both parents?
21) What does this mean for the number of offspring for mammals?