

7 Natural selection and evolution — Part 1 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 variation exists in a population; some individuals survive and reproduce better; their helpful inherited traits become more common.

2.2 reproductive success – how many surviving offspring an individual produces.

2.3 in natural selection the environment “chooses” which survive; in artificial selection humans choose which individuals breed.

2.4 individuals with the helpful trait survive and reproduce more, passing the trait to more offspring each generation, so it spreads.

2.5 any of: larger crop yield, more milk in cattle, particular dog breeds, etc.