

## Fishy Business

Use your marine scientist maths and subtraction skills to find out how many fish survive from one batch of eggs and consider how this adaptation supports the survival of some fish species.

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|-------------------------|---|
| <b>2000</b>             | A fish has just laid 2000 tiny eggs in the ocean.   |
| <b>A.</b>               | <b>A.</b> Half of these eggs were eaten by small fish.  |
| <b>B.</b>               | <b>B.</b> During a big storm, 156 fish eggs were washed ashore onto the beach.  |
| <b>C.</b>               | <b>C.</b> A person fishing from their boat pulls up a big bundle of seaweed and 48 of the eggs were caught within it.   |
| <b>D.</b>               | <b>D.</b> One quarter of the remaining eggs were blown into warm rock pools and then dried out in the sun.  |
| <b>E.</b>               | <b>E.</b> The remaining eggs hatched, but 174 of these small fish were then eaten by bigger fish.   |
| <b>F.</b>               | <b>F.</b> The remaining baby fry grew to become medium sized juveniles, but one third of these were eaten by nearby sea lions and dolphins.   |
| <b>G.</b>               | <b>G.</b> Half of the surviving adult fish were caught by humans at legal size and taken home to eat.   |
| <b>Total remaining:</b> | <p><b>1.</b> How many fully-grown fish from the 2000 eggs laid were left to survive and reproduce in the ocean?</p> <p>_____</p> <p><b>2.</b> Why is it important for some animals to have so many eggs or babies? What could happen to this fish species if they only laid 10 eggs at a time?</p> <p>_____</p> <p>_____</p> <p>_____</p> |

**3.** How could this relate to minimum size limits and numbers of fish that humans are allowed to catch?

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