



FRACTION SPOTTING 11

CAPTAIN SALAMANDER'S JOURNEY

- 1) Captain Salamander goes on a long journey around the world. He travels $\frac{1}{4}$ of the journey by plane, and the rest by boat. What fraction of the journey does he travel by boat?
- 2) Whilst on the boat, Captain Salamander spends his free time watching TV and swimming. He spends $\frac{3}{8}$ of his free time watching TV. What fraction of his free time does he spend swimming?
- 3) When swimming, Captain Salamander likes to spend most of his time underwater. He only spends $\frac{1}{10}$ of his time above water. What fraction of his time swimming is spent underwater?
- 4) His favourite drink is a mixture of cranberry juice and water. He drink is $\frac{2}{5}$ cranberry juice. What fraction of the drink is water?
- 5) Captain Salamander shares a box of chocolates with some friends he has met up with. He gives his friends $\frac{4}{9}$ of the chocolates. What fraction does he have left?
- 6) On the boat, he eats a diet of crayfish and fish eggs. About $\frac{2}{7}$ of his diet is fish eggs. What fraction of his diet is crayfish?
- 7) Captain Salamander has a lazy time on the trip and spends about 15 hours a day sleeping. What fraction of the day does he spend awake?
- 8) If $\frac{7}{10}$ of the passengers on the boat are male, what fraction are female?





FRACTION SPOTTING 11 ANSWERS

CAPTAIN SALAMANDER'S JOURNEY

- 1) Captain Salamander goes on a long journey around the world. He travels $\frac{1}{4}$ of the journey by plane, and the rest by boat. What fraction of the journey does he travel by boat? $\frac{3}{4}$ of the journey
- 2) Whilst on the boat, Captain Salamander spends his free time watching TV and swimming. He spends $\frac{3}{8}$ of his free time watching TV. What fraction of his free time does he spend swimming? $\frac{5}{8}$ of the time
- 3) When swimming, Captain Salamander likes to spend most of his time underwater. He only spends $\frac{1}{10}$ of his time above water. What fraction of his time swimming is spent underwater? $\frac{9}{10}$ of his time
- 4) His favourite drink is a mixture of cranberry juice and water. He drink is $\frac{2}{5}$ cranberry juice. What fraction of the drink is water? $\frac{3}{5}$ is water
- 5) Captain Salamander shares a box of chocolates with some friends he has met up with. He gives his friends $\frac{4}{9}$ of the chocolates. What fraction does he have left? $\frac{5}{9}$ of the chocolates
- 6) On the boat, he eats a diet of crayfish and fish eggs. About $\frac{2}{7}$ of his diet is fish eggs. What fraction of his diet is crayfish? $\frac{5}{7}$ of his diet
- 7) Captain Salamander has a lazy time on the trip and spends about 15 hours a day sleeping. What fraction does he spend awake? $\frac{9}{24}$ or $\frac{3}{8}$
- 8) If $\frac{7}{10}$ of the passengers on the boat are male, what fraction are female? $\frac{3}{10}$ of the passengers