



## FRACTION SPOTTING WORD PROBLEMS 1

### 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 WORD PROBLEMS 1 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