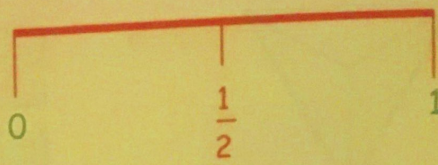


## Fractions on a Number Line

This number line has been split equally into **2** bits.

Each bit would be  $\frac{1}{2}$ .

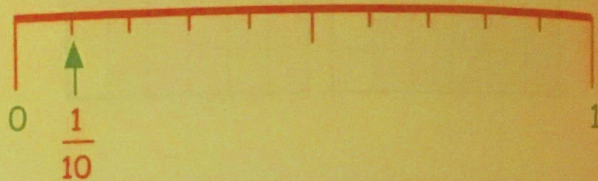


Identify where a basic fraction would be on a number line



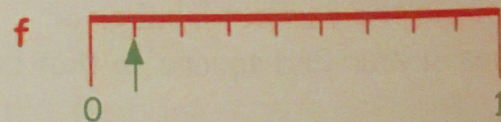
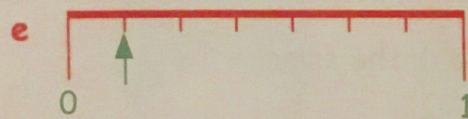
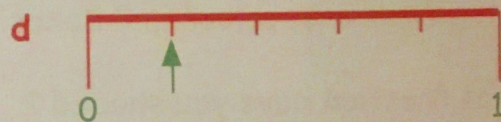
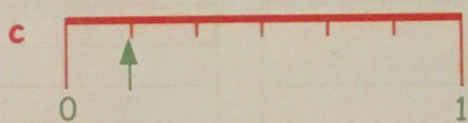
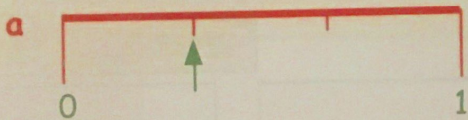
This number line has been split equally into **10** bits.

Each bit would be  $\frac{1}{10}$ .



### Exercise 3

1. What fraction does each bit represent on each of these number lines :-



2. If you were **very** hungry, would you prefer :-

a a **half** or a **third** of a pizza

b a **quarter** or a **third** of a pizza

c a **fifth** or a **sixth** of a pizza

d an **eighth** or a **ninth** of a pizza?

3. Put each of these lists of fractions in order (**largest** first) :-

a  $\frac{1}{5}$ ,  $\frac{1}{2}$ ,  $\frac{1}{9}$

b  $\frac{1}{5}$ ,  $\frac{1}{4}$ ,  $\frac{1}{10}$ ,  $\frac{1}{7}$ ,  $\frac{1}{100}$

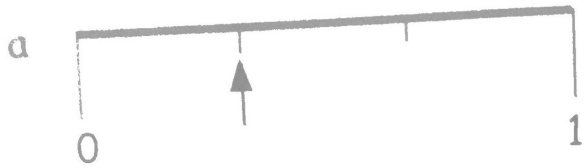
c  $\frac{1}{3}$ ,  $\frac{1}{13}$ ,  $\frac{1}{6}$ ,  $\frac{1}{5}$ ,  $\frac{1}{11}$

d a tenth, a third, an eighth, a fifth.



### Exercise 3

1. What fraction does each bit represent on each of these number lines :-



2. If you were *very* hungry, would you prefer :-

a a half or a third of a pizza

b a quarter or a third of a pizza

c a fifth or a sixth of a pizza

d an eighth or a ninth of a pizza?

3. Put each of these lists of fractions in order (*largest* first) :-

a  $\frac{1}{5}$ ,  $\frac{1}{2}$ ,  $\frac{1}{9}$

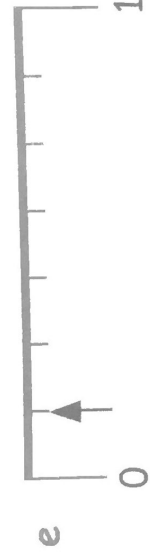
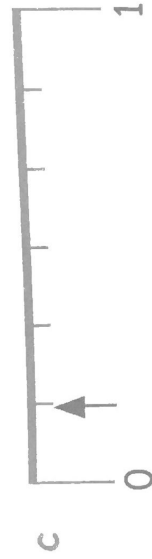
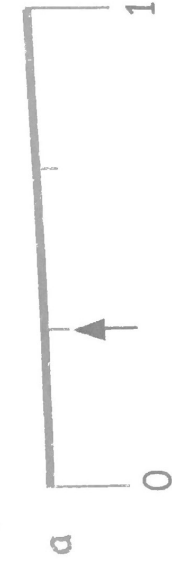
b  $\frac{1}{5}$ ,  $\frac{1}{4}$ ,  $\frac{1}{10}$ ,  $\frac{1}{7}$ ,  $\frac{1}{100}$

c  $\frac{1}{3}$ ,  $\frac{1}{13}$ ,  $\frac{1}{6}$ ,  $\frac{1}{5}$ ,  $\frac{1}{11}$

d a tenth, a third, an eighth, a fifth.

### Exercise 3

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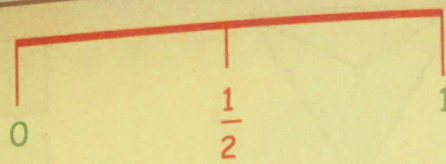
c  $\frac{1}{3}$ ,  $\frac{1}{13}$ ,  $\frac{1}{6}$ ,  $\frac{1}{5}$ ,  $\frac{1}{11}$

- d a tenth, a third, an eighth, a fifth.



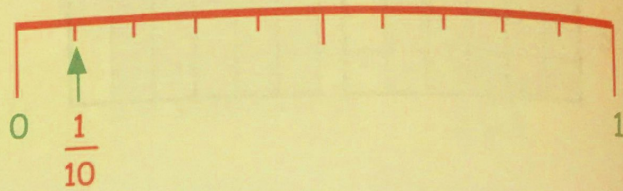
# Fractions on a Number Line

This number line has been split equally into **2** bits.



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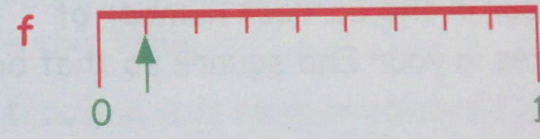
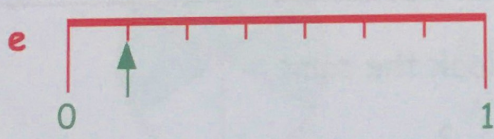
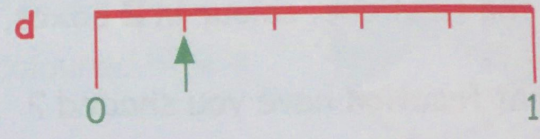
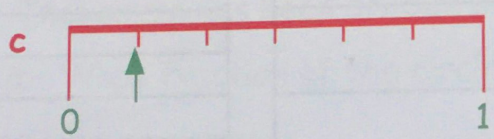
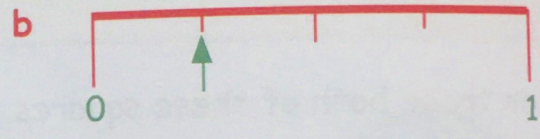
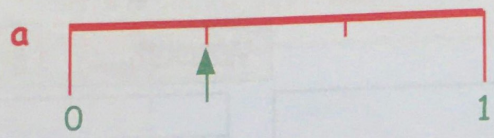
Each bit would be  $\frac{1}{10}$ .

Identify where a basic fraction would be on a number line



## Exercise 3

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**c**  $\frac{1}{3}, \frac{1}{13}, \frac{1}{6}, \frac{1}{5}, \frac{1}{11}$

**d** a tenth, a third, an eighth, a fifth.