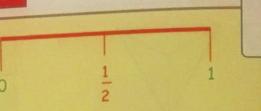
## Fractions on a Number Line

This number line has been split equally into 2 bits.

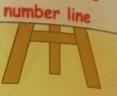
Each bit would be  $\frac{1}{2}$ 

This number line has been split equally into 10 bits.

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



Identify where a basic fraction would be on a number line



This numb

split into

3 and a 1

What n

b. Draw nu

Make a (you con

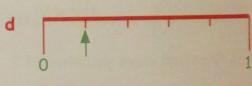
6 Mak

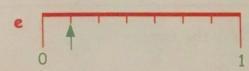
E Book 16-

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):
  - $\frac{1}{5}, \frac{1}{2}, \frac{1}{9}$

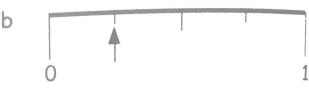
- **b**  $\frac{1}{5}$ ,  $\frac{1}{4}$ ,  $\frac{1}{10}$ ,  $\frac{1}{7}$ ,  $\frac{1}{100}$
- c  $\frac{1}{3}$ ,  $\frac{1}{13}$ ,  $\frac{1}{6}$ ,  $\frac{1}{5}$ ,  $\frac{1}{11}$
- d a tenth, a third, an eighth, a fifth.

## Exercise 3

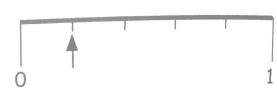
What fraction does each bit represent on each of these number lines:-

d













- If you were very hungry, would you prefer :-
- a half or a third of a pizza b a quarter or a third of a pizza
- 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):-

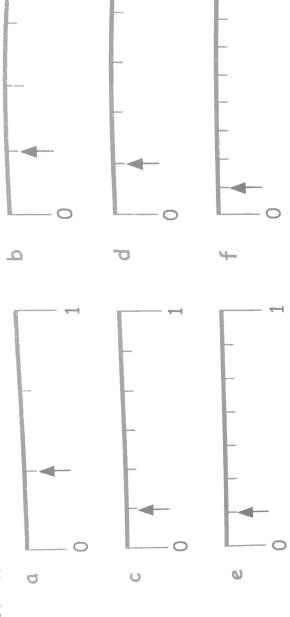
a 
$$\frac{1}{5}$$
,  $\frac{1}{2}$ ,  $\frac{1}{9}$ 

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.

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



- If you were very hungry, would you prefer :-2
- an eighth or a ninth of a pizza? ٩ 0 a fifth or a sixth of a pizza a half or a third of a pizza Q C
- a quarter or a third of a pizza
- Put each of these lists of fractions in order (largest first) :m

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

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

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

a tenth, a third, an eighth, a fifth. 0

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Fractions

## Fractions on a Number Line

This number line has been split equally into 2 bits.

Identify where a basic fraction would be on a number line



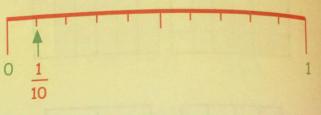
5. D

Fractions

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

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):

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

**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.