Fractions on a number line

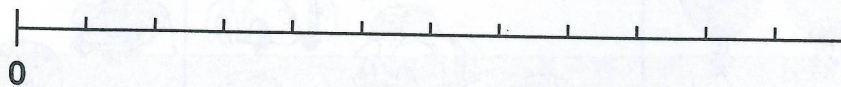**1** Draw diagrams to show:

a $\frac{1}{3}$

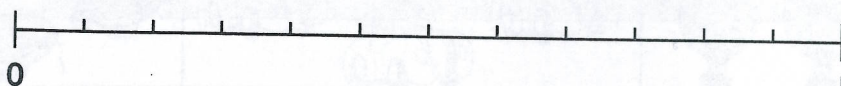b $\frac{3}{8}$

c $\frac{4}{6}$

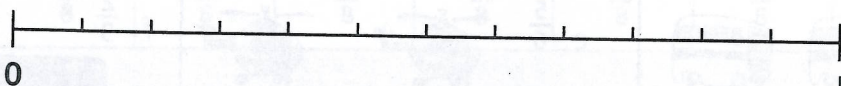**2** Write these on the number lines.

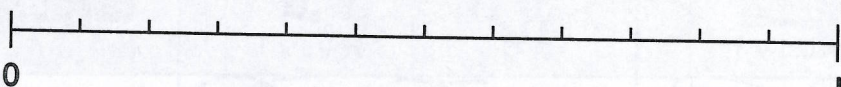a $\frac{1}{3}, \frac{2}{3}$

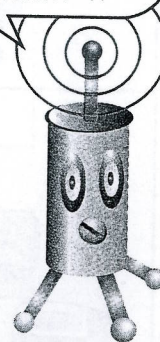0

b $\frac{1}{6}, \frac{3}{6}, \frac{4}{6}$

0

c $\frac{1}{12}, \frac{3}{12}, \frac{7}{12}, \frac{10}{12}$

0

d $\frac{1}{3}, \frac{5}{12}, \frac{5}{6}, \frac{1}{2}$
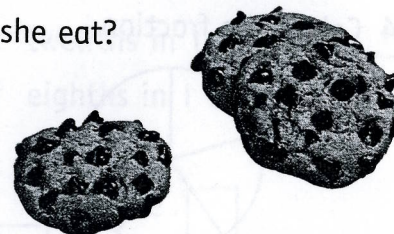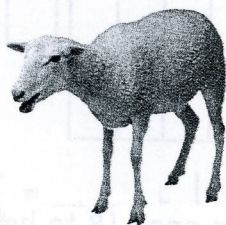
0

> These fractions are all smaller than 1.

3

a John had 6 cherries and gave $\frac{1}{3}$ to Bill. How many did Bill get?

b Cherie ate $\frac{1}{4}$ of her 12 biscuits. How many did she eat?

8

c Maisie sold $\frac{1}{6}$ of her 42 sheep. How many did she sell?

d Class 5X has $\frac{1}{12}$ of its 36 pupils away ill. How many are at school?

4 Write your own fraction problem which has an answer of 5 pencils.