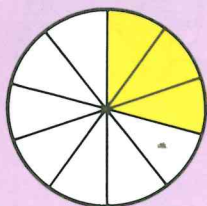# Decimals

One tenth ($\frac{1}{10}$) of this square is coloured.
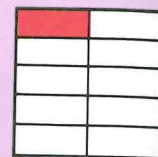One tenth ($\frac{1}{10}$) may be written as the decimal fraction 0·1

Three tenths ($\frac{3}{10}$) of this circle is coloured.
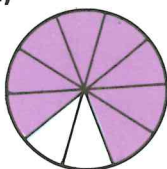Three tenths may be written as the decimal fraction 0·3
Seven tenths ($\frac{7}{10}$) of the circle is **not** coloured.
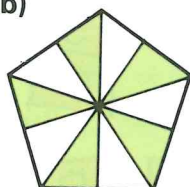Seven tenths may be written as the decimal fraction 0·7
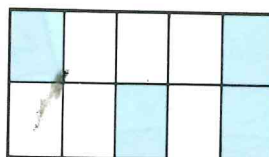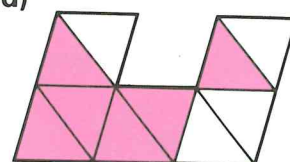
These shapes are divided into tenths:
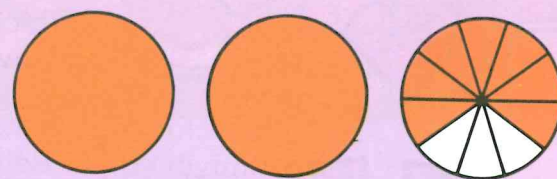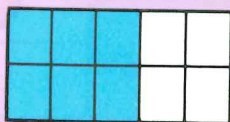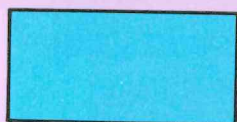
(a)   (b)   (c)   (d)

1   Write as a decimal the fraction coloured in each shape.

2   Write as a decimal the fraction **not** coloured in each shape.

3   Write as decimals: (a) $\frac{4}{10}$ (b) $\frac{5}{10}$ (c) $\frac{8}{10}$ (d) two tenths
   (e) nine tenths   (f) six tenths.

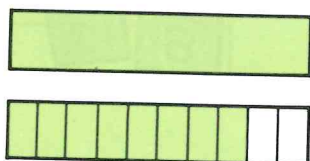4   Which of your answers to question 3 equals $\frac{1}{2}$?

One whole and six tenths are coloured.
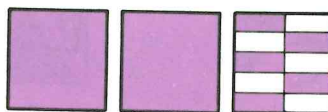In decimal form, this can be written 1·6.

Here 2·7 circles are coloured.

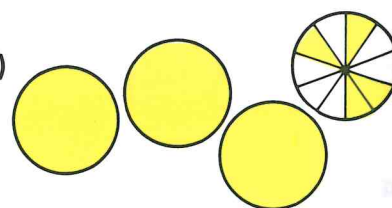5   Write in decimal form the amount coloured in (a), (b), and (c).
   (a)   (b)   (c)

6   Write in decimal form:
   (a) $1\frac{1}{10}$ (b) $3\frac{2}{10}$ (c) $4\frac{9}{10}$ (d) two and seven tenths   (e) one and six tenths
   (f) three and three tenths   (g) five and five tenths   (h) four and eight tenths.

Do Workbook Page 35.