One tenth is smaller than one fifth.

One quarter is greater than one sixth.

1 Write > or < between each pair of fractions.
   (a) $\frac{1}{3}$ and $\frac{1}{2}$ (b) $\frac{1}{6}$ and $\frac{1}{7}$ (c) $\frac{1}{12}$ and $\frac{1}{15}$ (d) $\frac{1}{20}$ and $\frac{1}{19}$
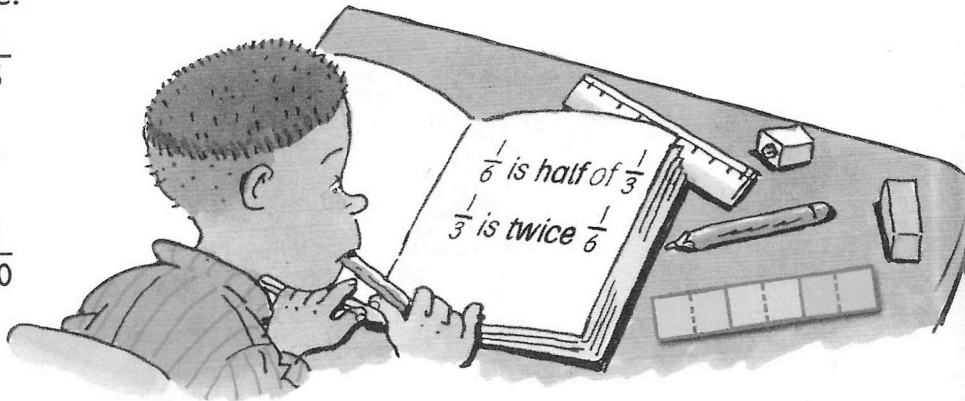
2 Write **three** fractions
   (a) greater than one sixth   (b) smaller than one third.

3 Copy and complete.
   (a) $\frac{1}{10}$ is ___ of $\frac{1}{5}$

       $\frac{1}{5}$ is ___ $\frac{1}{10}$

   (b) $\frac{1}{20}$ is ___ of $\frac{1}{10}$

       $\frac{1}{10}$ is ___ $\frac{1}{20}$

   $\frac{1}{6}$ is half of $\frac{1}{3}$
   $\frac{1}{3}$ is twice $\frac{1}{6}$

   (c) $\frac{1}{8}$ is ___ $\frac{1}{16}$ (d) $\frac{1}{2}$ is ___ times $\frac{1}{6}$ (e) $\frac{1}{10}$ is ___ times $\frac{1}{100}$

       $\frac{1}{16}$ is ___ of $\frac{1}{8}$ $\frac{1}{6}$ is ___ of $\frac{1}{2}$ $\frac{1}{100}$ is ___ of $\frac{1}{10}$

4 List the numbers in order.
   (a) Start with the smallest.   (b) Start with the largest.

       $1\frac{1}{12}$ $2\frac{1}{3}$ $1\frac{2}{3}$ $2\frac{7}{12}$ $1\frac{1}{2}$ $2\frac{3}{5}$ $3\frac{3}{10}$ $2\frac{9}{10}$ $2\frac{3}{4}$ $3\frac{1}{2}$

5 Copy this part of a number line which has 30 divisions.

   0

   Label the positions of $\frac{1}{2}$ $\frac{3}{10}$ $\frac{2}{3}$ $\frac{1}{5}$ $\frac{9}{10}$ $\frac{1}{6}$ $\frac{11}{15}$

6 Write the number halfway between
   (a) $\frac{3}{5}$ and $\frac{4}{5}$ (b) $\frac{1}{3}$ and $\frac{2}{3}$ (c) $3\frac{1}{4}$ and $3\frac{1}{2}$ (d) $4\frac{1}{2}$ and $4\frac{5}{8}$

7 Find a fraction
   (a) greater than $\frac{1}{2}$ and less than $\frac{3}{5}$ (b) less than $\frac{1}{3}$ and greater than $\frac{1}{4}$