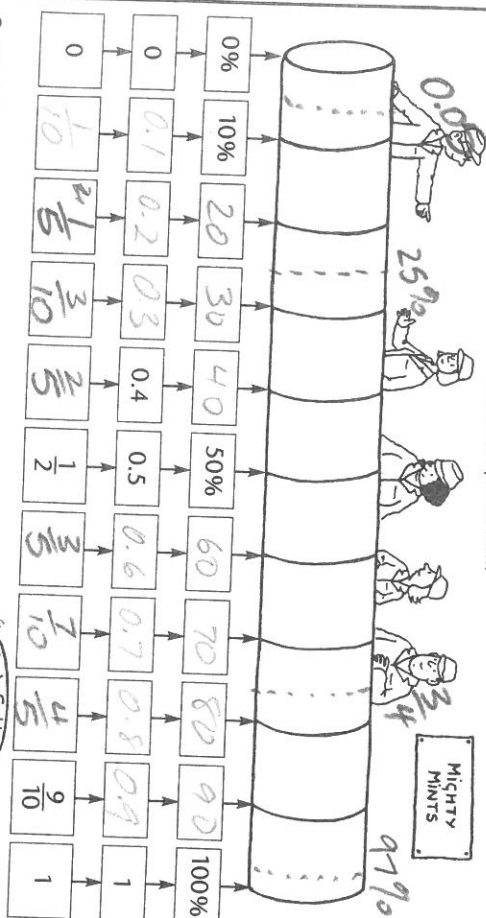


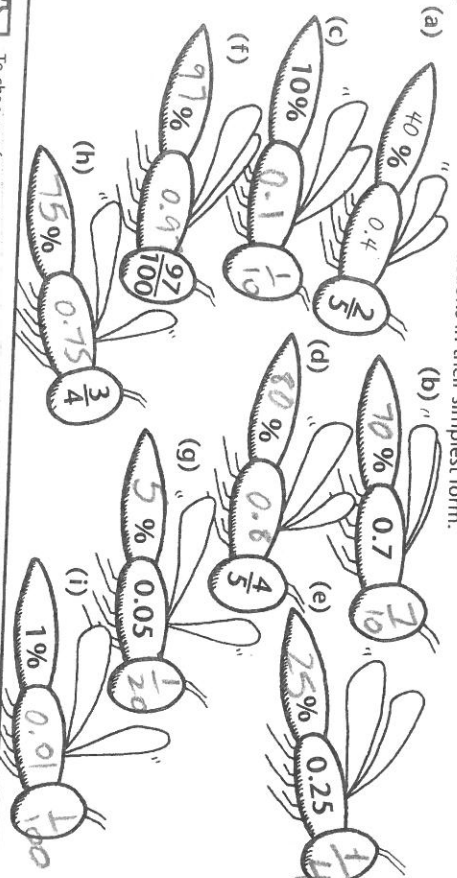
- A** 1. For a charity event, a mint manufacturer has made a giant packet of mints. Fill in the boxes to show the percentage, decimal and fraction equivalents of the packet. Give the fractions in their simplest form.



2. Mark the packet with a dotted line to show:
 (a) 25% (b) $\frac{3}{4}$ (c) 0.05 (d) 97%

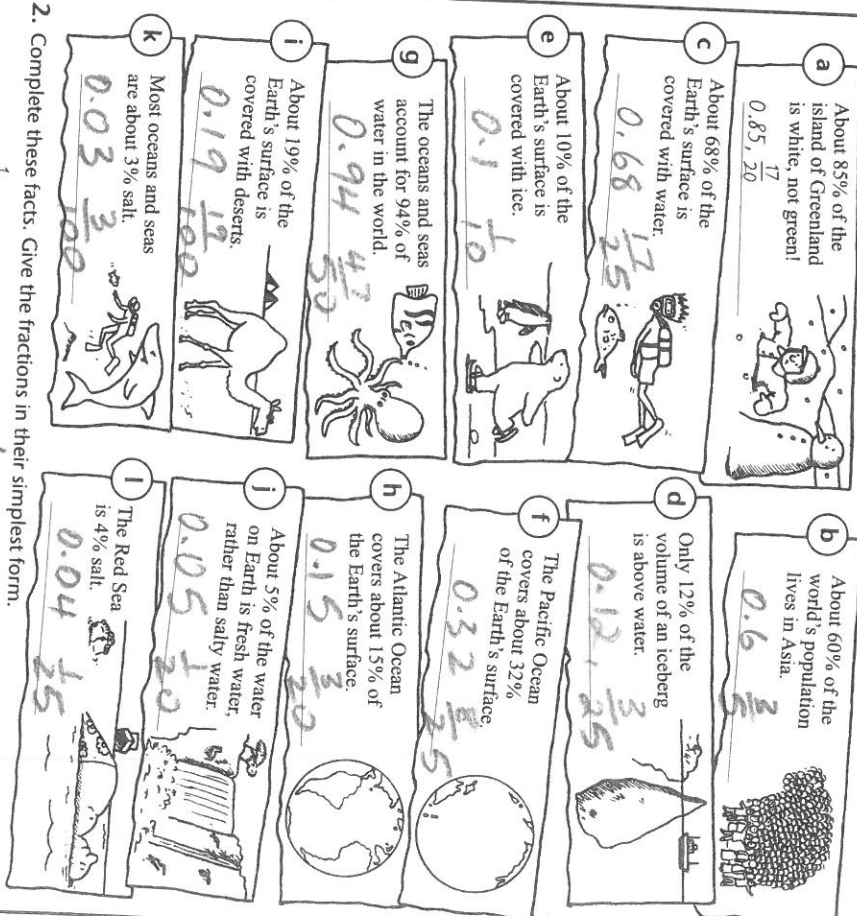
3. Write which is the larger in each pair:
 (a) 25% or 0.3 $\frac{0.3}{25\%}$ (b) $\frac{3}{4}$ or 0.7 $\frac{0.7}{3/4}$
 (c) 0.05 or 10% $\frac{10\%}{0.05}$
 (d) 97% or $\frac{9}{10}$ $\frac{97\%}{9/10}$ (e) $\frac{1}{2}$ or 10% $\frac{10\%}{1/2}$
 (f) $\frac{3}{4}$ or 75% $\frac{75\%}{3/4}$

- B** Use the diagram above to help you write the percentage, decimal and fraction equivalents. Give the fractions in their simplest form.



To change a fraction to its simplest form, divide the numerator (top number) and the denominator (bottom number) by the same whole number until there is no other number that will divide exactly into both: for example, $\frac{6}{8}$ is written as $\frac{3}{4}$ in its simplest form, as both numbers can be divided by 2.

- C** 1. Write the decimal and fraction equivalents of each percentage. Give the fractions in their simplest form.



2. Complete these facts. Give the fractions in their simplest form.
 (a) 1% = $\frac{1}{100}$ = 0.01 (b) 2% = $\frac{2}{100}$ = 0.02 (c) 6% = $\frac{6}{100}$ = 0.06
 (d) 17% = $\frac{17}{100}$ = 0.17 (e) 35% = $\frac{35}{100}$ = 0.35 (f) 96% = $\frac{96}{100}$ = 0.96

- NOW TRY THIS!**
 • Change these fractions and decimals to percentages.
 Then find the total of each row, diagonal and column.

Example: $\frac{1}{5} = \frac{20}{100} = 20\%$

$\frac{1}{5}$	0.3	$\frac{31}{100}$
$\frac{20}{100}$	$\frac{1}{4}$	0.2
$\frac{31}{100}$	0.5	$\frac{3}{20}$

To change a fraction to its simplest form, divide the numerator (top number) and the denominator (bottom number) by the same whole number until there is no other number that will divide exactly into both: for example, $\frac{6}{8}$ is written as $\frac{3}{4}$ in its simplest form, as both numbers can be divided by 2.