

EXERCISE 1H

1 Evaluate the following:

a $\frac{1}{3} + \frac{1}{5}$

b $\frac{1}{3} + \frac{1}{4}$

c $\frac{1}{5} + \frac{1}{10}$

d $\frac{2}{3} + \frac{1}{4}$

e $\frac{3}{4} + \frac{1}{8}$

f $\frac{1}{3} + \frac{1}{6}$

g $\frac{1}{2} - \frac{1}{3}$

h $\frac{1}{4} - \frac{1}{5}$

i $\frac{1}{5} - \frac{1}{10}$

j $\frac{7}{8} - \frac{3}{4}$

k $\frac{5}{6} - \frac{3}{4}$

l $\frac{5}{6} - \frac{1}{2}$

m $\frac{5}{12} - \frac{1}{4}$

n $2\frac{1}{7} + 1\frac{3}{14}$

o $6\frac{3}{10} + 1\frac{4}{5} + 2\frac{1}{2}$

p $3\frac{1}{2} - 1\frac{1}{3}$

2 Evaluate the following:

a $\frac{1}{3} + \frac{4}{9}$

b $\frac{1}{4} + \frac{3}{8}$

c $\frac{7}{8} - \frac{1}{2}$

d $\frac{3}{5} - \frac{8}{15}$

e $\frac{11}{12} + \frac{5}{8}$

f $\frac{7}{16} + \frac{3}{10}$

g $\frac{4}{9} - \frac{2}{21}$

h $\frac{5}{6} - \frac{4}{27}$

i $1\frac{7}{18} + 2\frac{3}{10}$

j $3\frac{2}{6} + 1\frac{9}{20}$

k $1\frac{1}{8} - \frac{5}{9}$

l $1\frac{3}{16} - \frac{7}{12}$

m $\frac{5}{6} + \frac{7}{16} + \frac{5}{8}$

n $\frac{7}{10} + \frac{3}{8} + \frac{5}{6}$

o $1\frac{1}{3} + \frac{7}{10} - \frac{4}{15}$

p $\frac{5}{14} + 1\frac{3}{7} - \frac{5}{12}$

- 3 In a class of children, three-quarters are Chinese, one-fifth are Malays and the rest are Indians. What fraction of the class are Indians?
- 4 In a class election, half of the people voted for Aminah, one-third voted for Janet and the rest voted for Peter. What fraction of the class voted for Peter?
- 5 A group of people travelled from Hope to Castletown. One-twentieth of them decided to walk, one-twelfth went by car and all the rest went by bus. What fraction went by bus?
- 6 A one-litre flask filled with milk is used to fill two glasses, one of capacity half a litre, and the other of capacity one-sixth of a litre. What fraction of a litre will remain in the flask?
- 7 A boy had 930 stamps in his collection. $\frac{2}{15}$ of them were British stamps. How many British stamps did he have?
- 8 Because of illness, $\frac{2}{5}$ of a school was absent one day. If the school had 650 pupils on the register, how many were absent that day?
- 9 Which is the biggest: half of 96, one-third of 141, two-fifths of 120, or three-quarters of 68?
- 10 To increase sales, a shop reduced the price of a car stereo radio by $\frac{2}{5}$. If the original price was £85 what was the new price?
- 11 Two-fifths of a class were boys. If the class contained 30 children, how many were girls?