

I can find pairs of fractions that total 1 and use this to solve problems.

Examples

What number when added to $\frac{3}{10}$, makes one whole?

Answer $\frac{7}{10}$, because $\frac{10}{10} = 1$

There are 30 apples. One fifth are rotten.

How many can be eaten?

$\frac{1}{5}$ of 30 = 6 (6 rotten apples)

$30 - 6 = 24$ (good apples)

Answer 24 apples can be eaten.

A

Copy and complete.

- 1 $1 = \square$ thirds
- 2 $1 = \square$ tenths
- 3 $1 = \square$ sixths
- 4 $1 = \square$ eighths

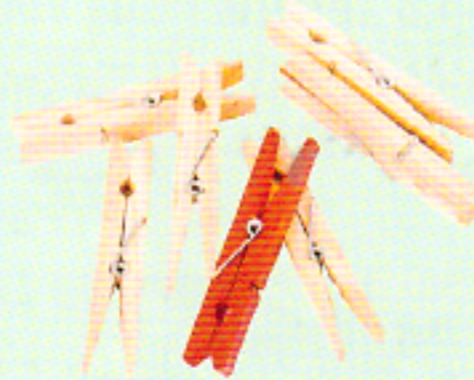
Copy and complete.

- 5 $1 = \frac{1}{3} + \frac{\square}{3}$
- 6 $1 = \frac{6}{10} + \frac{\square}{10}$
- 7 $1 = \frac{3}{5} + \frac{\square}{5}$
- 8 $1 = \frac{90}{100} + \frac{\square}{100}$
- 9 Three quarters of the potatoes in the shop have been sold. What fraction have not been sold?
- 10 One sixth of the children chose mint ice cream. What fraction chose other flavours?
- 11 A carpenter cuts off four ninths of a plank. What fraction of the plank is left?

B

Write the missing fraction.

- 1 $1 = \frac{5}{8} + \square$
- 2 $1 = \frac{9}{10} + \square$
- 3 $1 = \frac{5}{7} + \square$
- 4 $1 = \frac{2}{6} + \square$
- 5 $1 = \frac{7}{12} + \square$
- 6 $1 = \frac{4}{9} + \square$
- 7 $1 = \frac{83}{100} + \square$
- 8 $1 = \frac{24}{50} + \square$
- 9 Josie has £35. She spends four fifths of her money. How much does she have left?
- 10 There are 15 children at a party. Two thirds are girls. How many boys are there?
- 11 There are 28 pegs in a bag. One seventh are red and the rest are white. How many white pegs are there?



C

Copy and complete.

- 1 $1 = \frac{1}{5} + \frac{2}{5} + \square$
- 2 $1 = \frac{1}{8} + \square + \frac{5}{8}$
- 3 $1 = \frac{2}{6} + \frac{1}{6} + \square$
- 4 $1 = \square + \frac{3}{10} + \frac{2}{10}$
- 5 $1 = \frac{4}{12} + \square + \frac{5}{12}$
- 6 $1 = \square + \frac{3}{9} + \frac{2}{9}$
- 7 $1 = \frac{25}{100} + \frac{40}{100} + \square$
- 8 $1 = \frac{7}{20} + \square + \frac{9}{20}$
- 9 A football team played 50 matches in one season. They won $\frac{5}{10}$ of their matches and lost $\frac{3}{10}$. How many were drawn?
- 10 There were 240 passengers on a plane. Three eighths were women and four eighths were men. How many children were on the plane?
- 11 A cake weighs 1 kg. Two fifths is eaten. A further three tenths is eaten. How much is left?