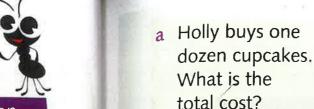
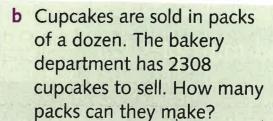
Solving word problems (4)





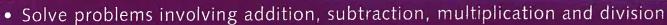
e Gemma has invited 73 people to a party.

i How many packs of soft drinks will

ii How much will she pay for these

she need to buy so that each guest

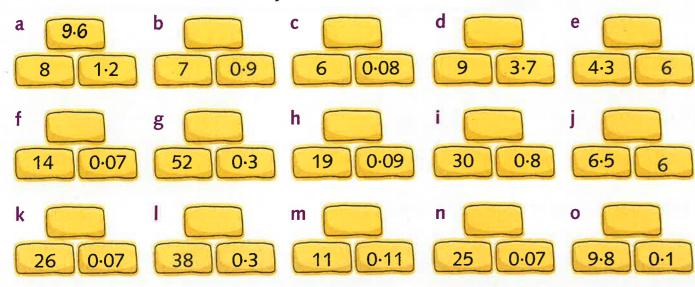
c If you buy 14 boxes of biscuits and 25 boxes of chocolates, how much do you spend?



• Interpret remainders according to the context



Multiply each pair of numbers to find the number above. The first one has been done for you.



Use the information below to work out the answer to each of these questions, rounding your answers where appropriate. Remember to use estimation to check your answers.



Biscuits: £5.26 box



Apples: £1.47 pack of 3



Chocolates: £4.58 box



Cupcakes: £2.56 each



Pizza: £9.38 each



Soft drinks pack of 6: £4.28

d How much less does a box of chocolates cost than a box of biscuits?

you need?

Apples come in packs

of 3. Jerzy is making

4 apples for each pie.

he need to buy?

in total?

13 apple pies and needs

i How many packs does

ii How much will he pay

- g If you buy one h How much change of each item, from £100 would how much you receive if you money will
 - bought 37 cupcakes?

packs in total?

can have one can?

k A pack of one dozen cupcakes costs £25. How much money would you save by buying them in a pack rather than as 12 single items?

- f If you buy 2 dozen apples altogether, what is the total cost?
- i If you buy one pizza you get another one half price. If you buy 6 pizzas and pay with a £50 note, how much change will you receive?
 - I There are 439 apples altogether.
 - i How many packs of 3 can be made?
 - ii If the supermarket sells half of the packs in one day, how much money would they take?

Make up your own word problems to match these calculations using the items in the pictures in Challenge 2.

- a $20 (12 \times £1.47)$
- **b** $(£4.28 \div 4) \times 6$
- c $(10\% \times £5.26) \times 6$
- d $£2.56 \times 12 + £4.58 \times 11 + £4.28 \times 6$
- $e \pm 100 \div \pm 9.38$
- $f = £50 < \times £1.47$



