

Look Back

Izzy and Ralph have 20 books altogether. Izzy has 3 books.

How many books does Ralph have? **17**



Thinking Cap



Izzy and Ralph have 100 stickers altogether.

Izzy has 30 stickers.

How many stickers does Ralph have? How do you know?

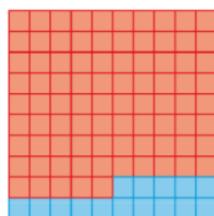


$10 - 3 = 7$, so $100 - 30 = 70$. 30 and 70 make 100, so Ralph has 70 stickers.

Let's Learn

a Cindy and her sister have 100 paper bags altogether. Cindy has 85 paper bags.

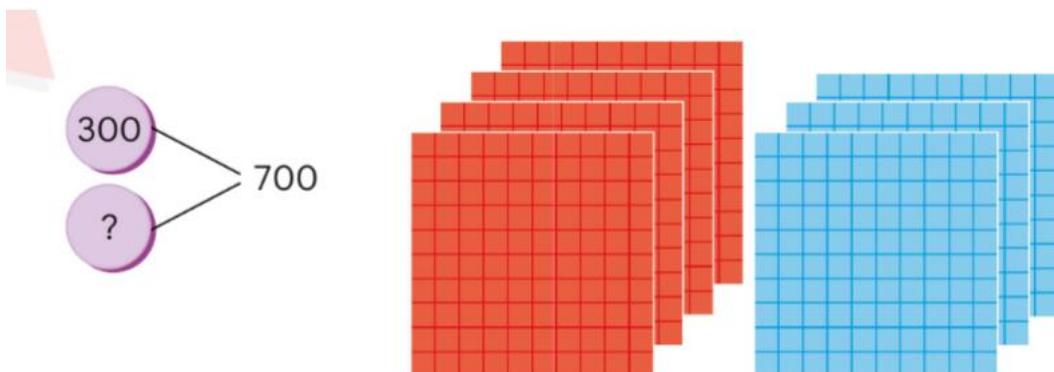
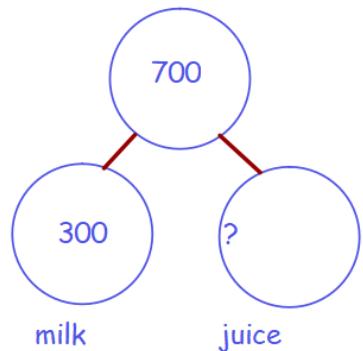
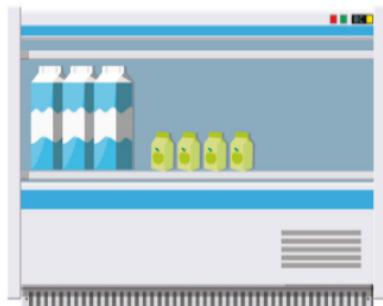
How many paper bags does her sister have?



$$\begin{array}{ccc}
 85 & + & 15 \\
 \text{tens} & & \text{tens} \\
 80 & & 10 \\
 \text{ones} & & \text{ones} \\
 5 & & 5
 \end{array}$$

1st step:
decompose each number
2nd step:
add the ones alone
3rd step:
add the tens alone
last step:
add the tens and ones together

b A drink stall sold 700 cartons of milk and fruit juice altogether in a week. 300 cartons of milk were sold. How many cartons of fruit juice were sold in the week?



3 hundreds and 4 hundreds make 7 hundreds.

300 and 400 make 700.

$$700 - 300 = \underline{400}$$

400 cartons of fruit juice were sold in a week.

c A bookshop sold 230 notebooks and 450 pencils in a week.

How many notebooks and pencils were sold in the week?

$$\begin{array}{ccc} \text{notebooks} & & \text{pencils} \\ 230 & + & 450 \\ \swarrow & & \searrow \\ 200 & & 30 & 400 & 50 \end{array}$$



add the hundreds first
then add the tens

200 and 400 make 600.

30 and 50 make 80.

$$600 + \underline{80} = \underline{680}$$

notebooks and pencils were sold in a week.

Let's Practise

I Fill in the blanks.

a $29 + 71$

$$\begin{array}{ccc} 29 & + & 71 \\ \swarrow & & \searrow \\ 20 & 9 & 70 & 1 \end{array}$$

$20 + 70 = 90$
 $9 + 1 = 10$
 $90 + 10 = 100$
 $= \underline{29 + 71 = 10}$

b $500 + 400$

$$\begin{array}{ccc} 500 & + & 400 \\ \swarrow & & \searrow \\ 500 & 0 & 400 & 0 \end{array}$$

$= \underline{900}$

c $360 + 620 = \underline{980}$

$$\begin{array}{ccc} 360 & + & 620 \\ \swarrow & & \searrow \\ 300 & 60 & 600 & 20 \end{array}$$

$$\begin{array}{l} 300 + 600 = 900 \\ 60 + 20 = 80 \\ 900 + 80 = 980 \\ 360 + 620 = 980 \end{array}$$

d $890 - 560 = \underline{330}$

$$\begin{array}{ccc} 890 & - & 560 \\ \swarrow & & \searrow \\ 800 & 90 & 500 & 60 \end{array}$$

$$\begin{array}{l} 800 - 500 = 300 \\ 90 - 60 = 30 \\ 300 + 30 = 330 \\ 890 - 560 = 330 \end{array}$$

end of session 5

2 Fill in the blanks.

a $90 + \underline{10} = 100$

b $\underline{23} + 77 = 100$

c $100 + \underline{700} = 800$

d $670 - \underline{460} = 210$