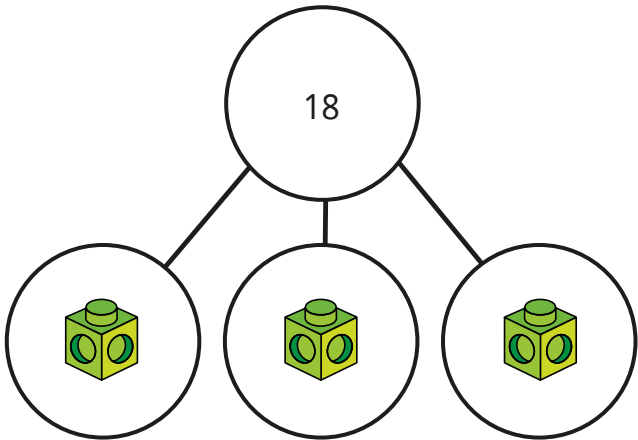


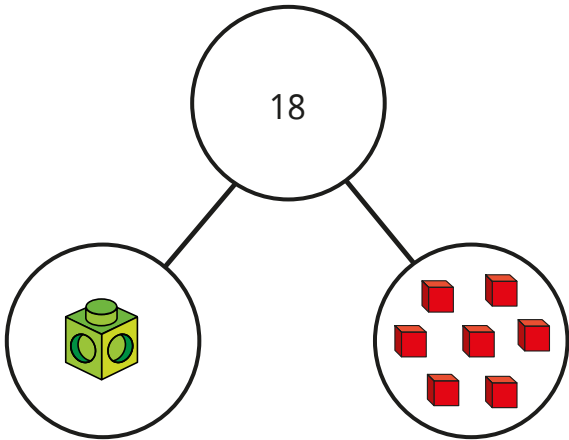
Form equations

1 Match each equation to the part-whole model it represents.

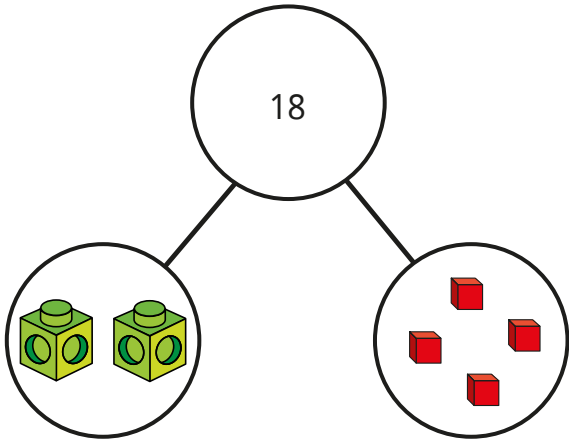
$y + 7 = 18$



$2y + 4 = 18$

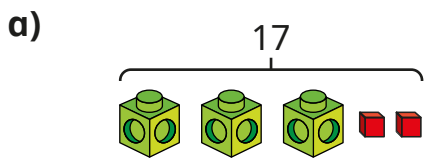


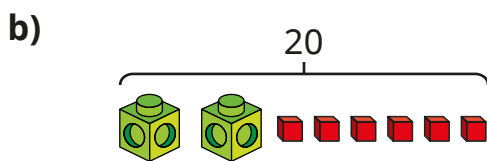
$3y = 18$

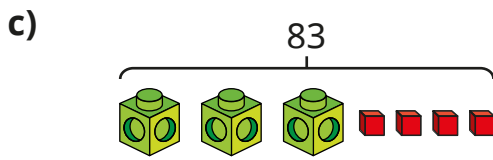


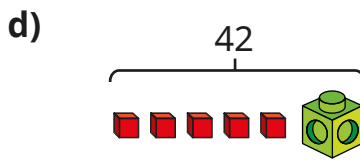
2 Write the equation represented by each model.

= x = 1









3 Write an equation to match each statement.

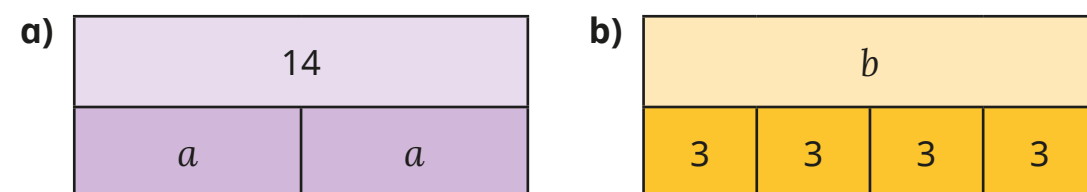
a) Four more than x is equal to 11

b) Seven less than p is equal to 23

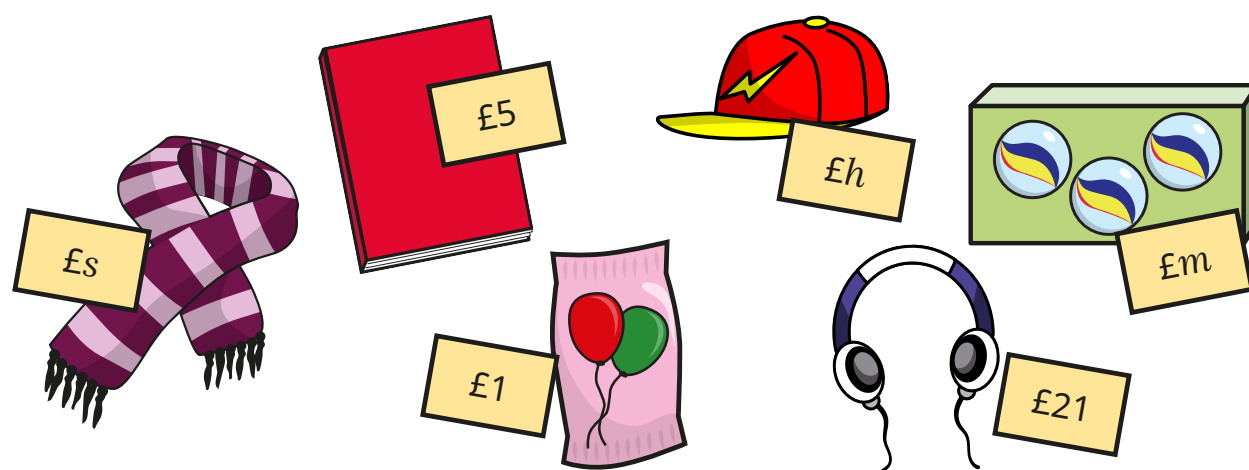
c) Three lots of m is equal to 39

d) One less than four lots of h is equal to 79

- 4 Write equations to represent the bar models.



- 5 A shop sells these items.



- a) The total cost of a scarf and a book is £17
Form an equation to represent this information.

- b) The total cost of 2 packets of balloons and a hat is £11
Form an equation to represent this information.

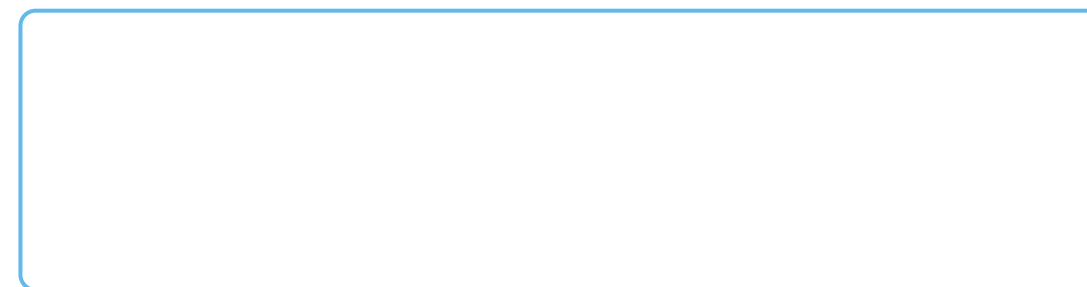
- c) The total cost of a pair of headphones, a scarf and 2 boxes of marbles is £39
Form an equation to represent this information.

Create your own problem like this for a partner.

- 6 Draw a bar model to represent each equation.

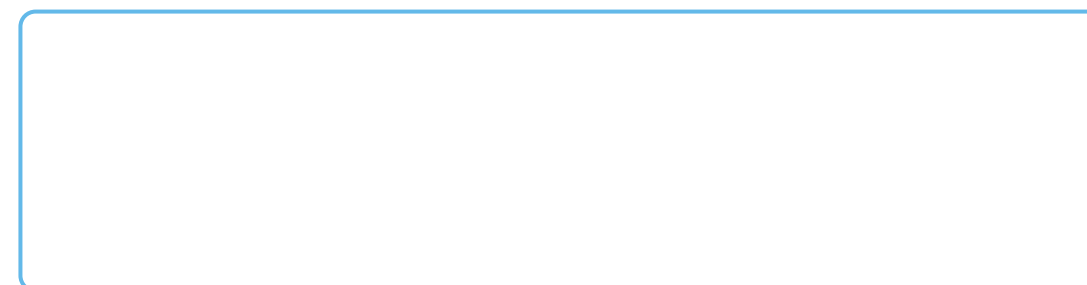
a) $3a = 21$

c) $6 + 9 = c$



b) $2b + 6 = 10$

d) $\frac{d}{2} = 7$



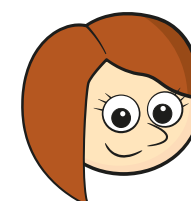
- 7 Tommy and Rosie are each thinking of a number.
Write an equation to represent each problem.
Call Tommy's number p and Rosie's number m .

a)



I subtract 3 from
my number. I get the
answer 10

b)



I have doubled
my number and added 5
My answer is 19

