A book costs £5 and a magazine costs £n
The total cost of the book and magazine is £8
Write this information as an equation.

A shop sells these items.

£5

£h

£s

£m

£1

£21

The total cost of a scarf and a book is £17

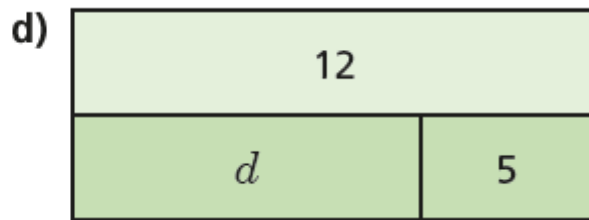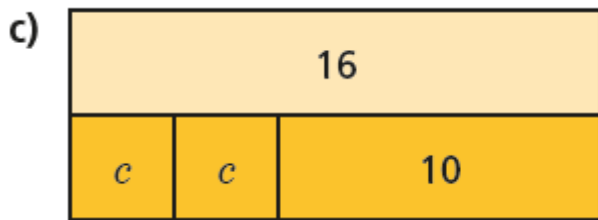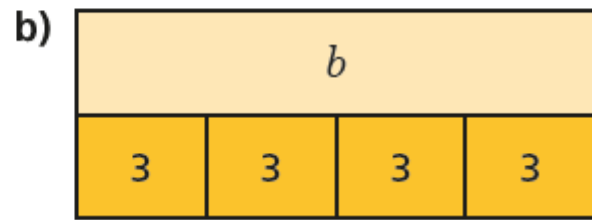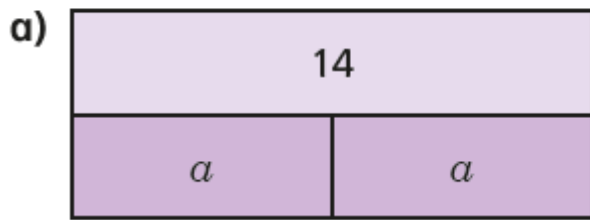Form an equation to represent this information.

The total cost of 2 packets of balloons and a hat is £11

Form an equation to represent this information.

The total cost of a pair of headphones, a scarf and 2 boxes of marbles is £39

Form an equation to represent this information.

Write equations to represent the bar models.

a)

14	
a	a

b)

b			
3	3	3	3

c)

16		
c	c	10

d)

12	
d	5

Draw a bar model to represent each equation.

$3a = 21$

$6 + 9 = c$

Rosie thinks of a number. She adds 7 and divides her answer by 2

Teddy thinks of a number. He multiples by 3 and subtracts 4

Rosie and Teddy think of the same number.
Rosie's answer is 9
What is Teddy's answer?

Working Deeper

Eva spends 92p on yo-yos and sweets

She buys y yo-yos costing 11p and s sweets costing 4p.

Can you write an equation to represent what Eva has bought?

How many yo-yos and sweets could Eva have bought?

Can you write a similar word problem to describe this equation?

$$74 = 15t + 2m$$