## Form algebraic expressions







- There are k balls in each box.
- a) For each picture, write an algebraic expression to describe the number of balls.



b) Which sentence is true?





- A has more balls than B.
- B has more balls than A.

More information is needed to know which has more.



The pink square has an area of 8p squares. The blue trapezium has an area of 5t squares. Write an expression for the total area of each compound shape.





**b)** Rosie buys two books for j pounds each.

Write an expression for the total cost of the two books.

## Form algebraic expressions







a) Rosie has fm in her purse.

She is given £4 pocket money.

Write an expression for how much money she has now.

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**b)** Rosie buys two books for j pounds each.

Write an expression for the total cost of the two books.

c) Rosie buys a cap for v pounds and two scarves for y pounds each. Write an expression for the total cost of the cap and two scarves.

There are g cupcakes in each box.



Dexter takes two cupcakes out of each box and eats them.



- a) Explain why Dexter's expression is incorrect.
- b) Write an expression that would correctly describe the number of cupcakes left.

Compare your answer with a partner's. Is there more than one possible expression?



Write an expression for the total cost of the shopping on the list.

 $\frac{1}{2}$  kg strawberries 3.5 kg apples 8 oranges 7 pears