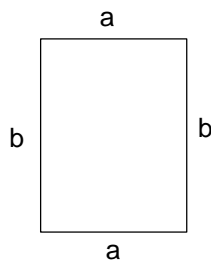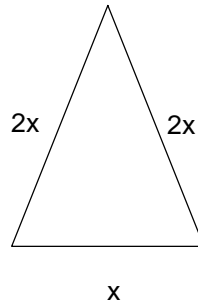**1**   Use algebra to write expressions for the perimeters of the following shapes.
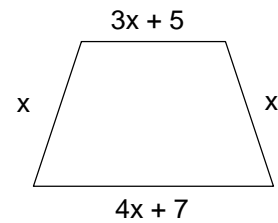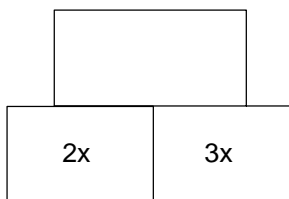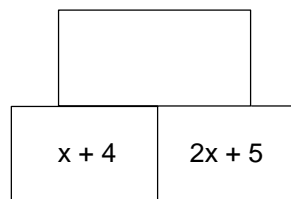
(i)

(ii)

(iii)

2   In the diagrams below the brick on top is made by adding the two bricks below. Find the value, in terms of algebra, of the blank bricks.
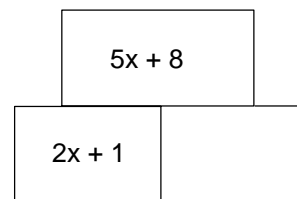
(i)

(ii)

(iii)

3   Pencils cost x pence and pens cost 5 pence more than pencils.
(i)   Write in algebra the cost of 3 pencils?
(ii)   What is the cost of a pen?
(iii)   What is the total cost of 3 pencils and a pen?

4   A certain box of chocolates contains n chocolates. A shop keeper removes 4 chocolates from each box.
(i)   How many chocolates are there in each box?
(ii)   A boy buys 3 boxes of chocolates. How many chocolates does he buy altogether. Simplify your answer.

5   Bicycles normally cost x pounds. However in a sale they are reduced by £20.
(i)   What is the sale price of a bike.
(ii)   How much would 5 bikes cost at the reduced price. Simplify your answer.