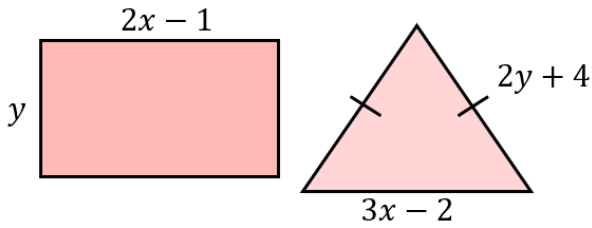
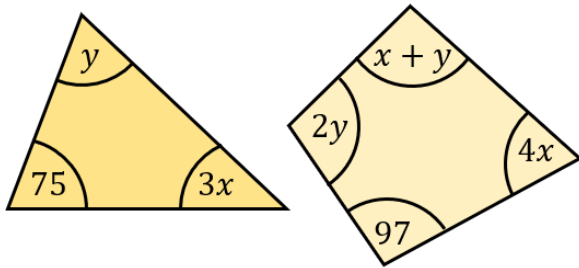


Solving Geometric Problems with Simultaneous Equations

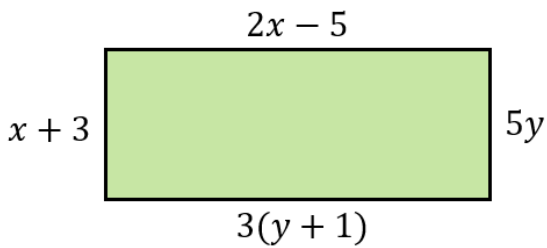
(a) The square and the triangle both have a perimeter of 40 cm. Find the values of x and y .



(b) Work out the values of x and y .

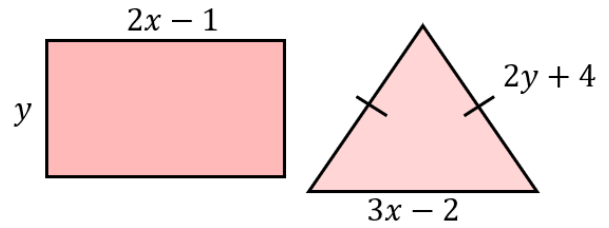


(c) Here is a rectangle. By first finding the value of a and the value of b , find the area of the rectangle.

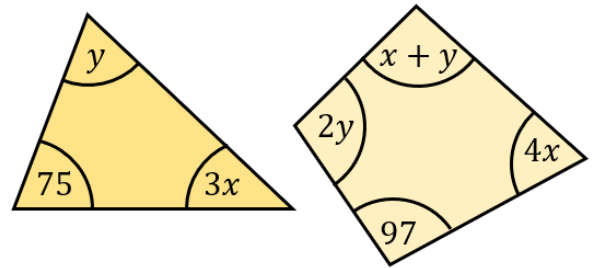


Solving Geometric Problems with Simultaneous Equations

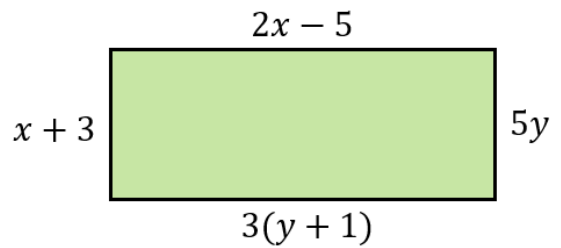
(a) The square and the triangle both have a perimeter of 40 cm. Find the values of x and y .



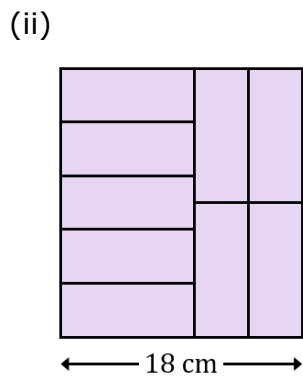
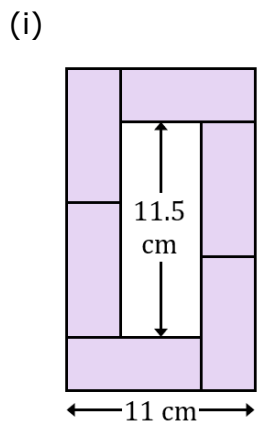
(b) Work out the values of x and y .



(c) Here is a rectangle. By first finding the value of a and the value of b , find the area of the rectangle.



(d) These shapes are made of congruent rectangles of length x and width y where $x > y$. Find the values of x and y for each of the diagrams.



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