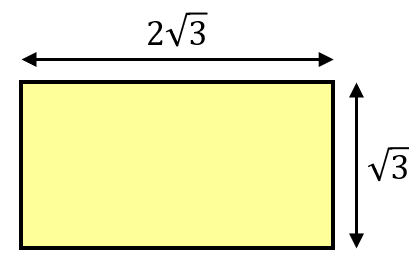
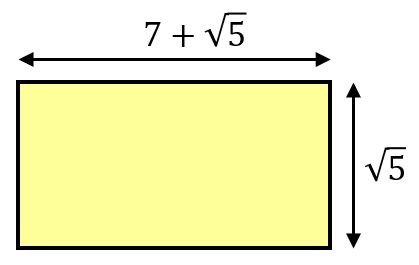
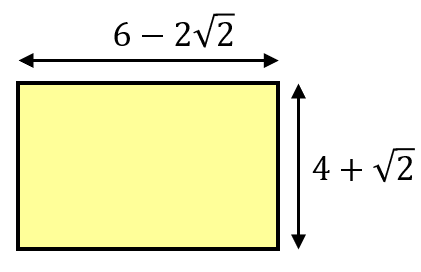
**Problem Solving with Surds**

Find the area and perimeter of these rectangles.

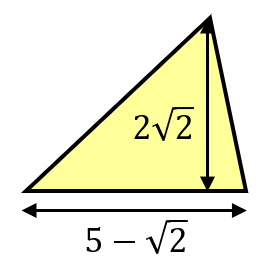
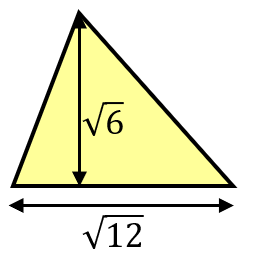
(a)



(b)



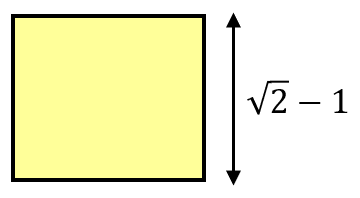
(c)

Find the area of these triangles.

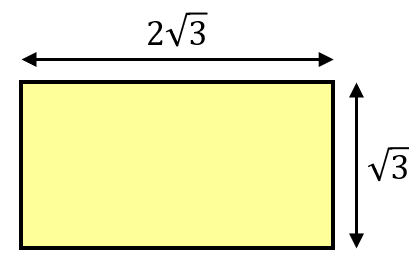
(a) (b)

(a) Given that find the values of and .

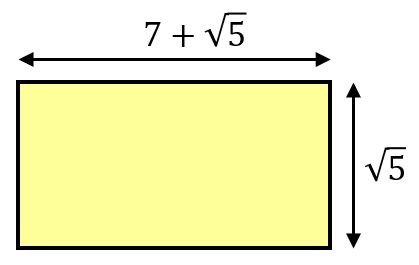
(b) Given that find the values of and .

(a) The perimeter of this rectangle is . Find the area of the rectangle.

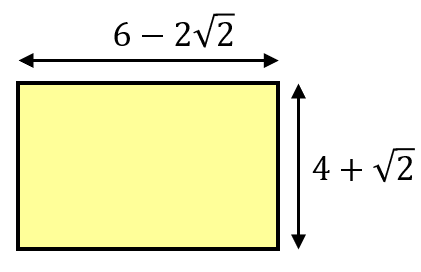
**Problem Solving with Surds**

Find the area and perimeter of these rectangles.

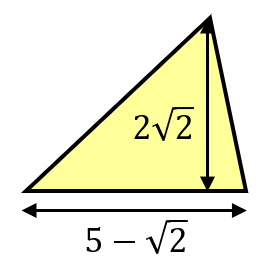
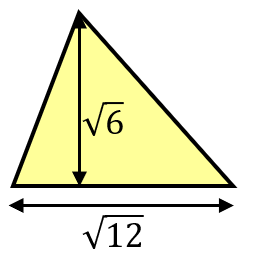
(a)



(b)



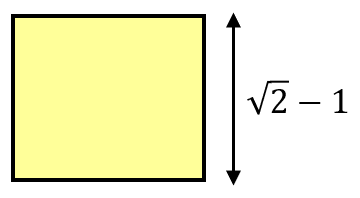
(c)

Find the area of these triangles.

(a) (b)

(a) Given that find the values of and .

(b) Given that find the values of and .

(a) The perimeter of this rectangle is . Find the area of the rectangle.