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## FACTORIZATION – QUADRATIC EQUATIONS

Exercise 3.7 Solve the following problems:

a) A rectangle has one side 5cm longer than the other side. The area of the rectangle is 24cm<sup>2</sup>• What are the lengths of the sides of the rectangle?

b) The sides of a rectangle are (x + 7) cm and (x + 3) cm respectively, and the area of the rectangle is 45 cm<sup>2</sup> · Find the length of the sides.

c) Find the lengths of the sides of the rectangle below, given that its area is 85cm<sup>2</sup>.

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(3x + 2)cm