## FACTORIZATION - QUADRATIC EQUATIONS

Exercise 3.7 Solve the following problems:
a) A rectangle has one side 5 cm longer than the other side. The area of the rectangle is $24 \mathrm{~cm}^{2} \cdot$ What are the lengths of the sides of the rectangle?
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b) The.sides of a rectangle are $(x+7) \mathrm{cm}$ and $(x+3) \mathrm{cm}$ respectively, and the area of the rectangle is $45 \mathrm{~cm}^{2} \cdot$ Find the length of the sides.
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c) Find the lengths of the sides of the rectangle below, given that its area is $85 \mathrm{~cm}^{2} \cdot$


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(3 x+2) \mathrm{cm}
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