**Summary:**

100000+ variations. Factorising quadratics.

**Question:**

a) Solve by factorising:



b) Solve by factorising



c) The length of a rectangular lot is  metres more than its width. Let the width be *w*. Draw a diagram and label the length and width in terms of *w*.

 Find the length and width of the rectangular lot if the area is m2.

d) Solve by equating to 0 and factorising.



**Solution:**

a) 

b) 

c)





d) 