## Find the value of a for the following polynomials to be perfect squares. II

(a) 
$$4x^4 - 12x^3 + 37x^2 - 42x + a$$

 $4x^4 - 12x^3 + 37x^2 - 42x + a$  is a perfect square, to find a **Solution:** 

 $x^4 - 4x^3 + 10x^2 - ax + 9$  is a perfect square, to find a **Solution:**