

JiTT 2

Questions/Misconceptions

1. x^2+3x+5 can be factorised into $x(x+3)+5$. I think it is possible because we can just ignore the 5 and factorise the first 2 terms.
2. x^2+3x+5 cannot be factorised, this is because also there's two X in the expression, the first X is squared and thus it is impossible for us to factorise



Questions/Misconceptions

3. I would like to know if negative numbers or variables with exponents > 2 can be factorised using Inspection.
4. I am not sure if an expression with x having a negative exponent can be factorised using Inspection.

Questions/Misconceptions

5. x^2+3x+5 cannot be factorised as 5 is a prime number.
6. I would like to ask that if you encounter a problem like: $-[3(6+5)(6-5)]$, do you resolve the negative sign in front first or the numbers in the brackets?