

Source: [KBe2020math530refExr0nRetIndex](#)

## Solve Equations

Operation timed out. Arithmetic errors.

## Read 1.B and 1.C

### 1.35 Example

- a) If  $b = 0$  then we can divide all  $x_3$  by 5 and combine the last two terms to get  $F^3$ , which is a vector space, without loss of generality. If not, then when you try to multiply by a scalar then you will find that the above reasoning breaks (i think).
  - b)  $f(x) = 0$  is continuous, so the additive identity exists.
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