#flo #hw

1 | **Finite-Dimensional Vector Spaces**

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title: Review
F denotes R or C
V denotes a [[file:KBe20math530refVectorSpace.org][KBe20math530refVectorSpace]] over F
```

- lin alg does not focus on arbitrary vector spaces

- it focuses on finite-dimensional vector spaces!

```
title: learning objectives for the chapter
- span
- linear independence
- bases
- dimension
```

- **notation**:

    - lists of vectors:

        * (2,1,4),(3,2,5)
            · list len 2 of vectors in R^3
        * n-tuples without surrounding parens

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