

More Terms for Test 1 (see also 1.1 & 1.2 Terms)

1. addition of vectors
2. dot product
3. generic vector
4. homogeneous system
5. line
6. line parallel to \vec{v}_1 through the tip of \vec{v}_2
7. linear algebra of vectors
8. linear combination
9. linearly independent
10. matrix vector equation
11. multiply a matrix and a column vector
12. plane
13. scalar mult of vectors
14. slope of vector in \mathbb{R}^2
15. spacecurve
16. span of set vectors
17. do a set of vectors in \mathbb{R}^m span \mathbb{R}^m ?
18. trivial solution
19. vectors

Write out *definitions, big picture ideas, multiple representations and/or examples* (whatever you would find the most helpful) as we cover them.

1. addition of vectors

2. dot product

3. generic vector

4. homogeneous system

5. line

6. line parallel to \vec{v}_1 and through the tip of \vec{v}_2

7. linear algebra of vectors

8. linear combination

9. linearly independent
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17. do a set of vectors in \mathbb{R}^m span \mathbb{R}^m ?
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