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CSE 3521

Homework #10

* 1. [space], [the], [final], [frontier], [these], [are], [the], [voyages], [of], [the], [starship], [enterprise], [its], [five], [year], [mission], [to], [explore], [strange], [new], [worlds], [to], [seek], [out], [new], [life], [and], [new], [civilizations], [to], [boldly], [go], [where], [no], [man], [has], [gone], and [before]
     1. space: 1
     2. the: 3
     3. final: 1
     4. frontier: 1
     5. these: 1
     6. are: 1
     7. voyages: 1
     8. of: 1
     9. starship: 1
     10. enterprise: 1
     11. its: 1
     12. five: 1
     13. year: 1
     14. mission: 1
     15. to: 3
     16. explore: 1
     17. strange: 1
     18. new: 3
     19. worlds: 1
     20. seek: 1
     21. out: 1
     22. life: 1
     23. and: 1
     24. civilizations: 1
     25. boldly: 1
     26. go: 1
     27. where: 1
     28. no: 1
     29. man: 1
     30. has: 1
     31. gone: 1
     32. before: 1
  2. [space the], [the final], [final frontier], [frontier these], [these are], [are the], [the voyages], [voyages of], [of the], [the starship], [starship enterprise], [enterprise its], [its five], [five year], [year mission], [mission to], [to explore], [explore strange], [strange new], [new worlds], [worlds to], [to seek], [seek out], [out new], [new life], [life and], [and new], [new civilizations], [civilizations to], [to boldly], [boldly go], [go where], [where no], [no man], [man has], [has gone], and [gone before]
     1. space, the: 1
     2. the, final: 1
     3. final, frontier: 1
     4. frontier, these: 1
     5. these, are: 1
     6. are, the: 1
     7. the, voyages: 1
     8. voyages, of: 1
     9. of, the: 1
     10. the, starship: 1
     11. starship, enterprise: 1
     12. enterprise, its: 1
     13. its, five: 1
     14. five, year: 1
     15. year, mission: 1
     16. mission, to: 1
     17. to, explore: 1
     18. explore, strange: 1
     19. strange, new: 1
     20. new, worlds: 1
     21. worlds, to: 1
     22. to, seek: 1
     23. seek, out: 1
     24. out, new: 1
     25. new, life: 1
     26. life, and: 1
     27. and, new: 1
     28. new, civilizations: 1
     29. civilizations, to: 1
     30. to, boldly: 1
     31. boldly, go: 1
     32. go, where: 1
     33. where, no: 1
     34. no, man: 1
     35. man, has: 1
     36. has, gone: 1
     37. gone, before: 1
  3. space: 2.63157895%
  4. the: 7.89473684%
  5. final: 2.63157895%
  6. frontier: 2.63157895%
  7. these: 2.63157895%
  8. are: 2.63157895%
  9. voyages: 2.63157895%
  10. of: 2.63157895%
  11. starship: 2.63157895%
  12. enterprise: 2.63157895%
  13. its: 2.63157895%
  14. five: 2.63157895%
  15. year: 2.63157895%
  16. mission: 2.63157895%
  17. to: 7.89473684%
  18. explore: 2.63157895%
  19. strange: 2.63157895%
  20. new: 7.89473684%
  21. worlds: 2.63157895%
  22. seek: 2.63157895%
  23. out: 2.63157895%
  24. life: 2.63157895%
  25. and: 2.63157895%
  26. civilizations: 2.63157895%
  27. boldly: 2.63157895%
  28. go: 2.63157895%
  29. where: 2.63157895%
  30. no: 2.63157895%
  31. man: 2.63157895%
  32. has: 2.63157895%
  33. gone: 2.63157895%
  34. before: 2.63157895%
  35. these: 2.63157895%
  36. are: 2.63157895%
  37. voyages: 2.63157895%
  38. to: 7.89473684%
  39. new: 7.89473684%
  40. worlds: 2.63157895%
  41. go: 2.63157895%
      1. (1/38)^5\*(3/38)^3=6.21005\*10^{-12}
  42. Wood Napkin Box
      1. im0: {(567, 1342), (1473, 576), X, (1443, 1423)}
      2. im1: {(381, 552), (1228, 577), X, X}
  43. Elec. Stuff Box, Folder at Front
      1. im0: {(638, 548), (1169, 1340), (587, 1670), (1212, 1646)}
      2. im1: {(244, 1353), (865, 1343), (246, 1668), (895, 1650)}
  44. 4412.147\*144.174/(638 - 244)=1614.51
  45. 4412.147\*144.174/(1169 - 865)=2092.49
  46. 4412.147\*144.174/(587 - 246)=1865.45
  47. 4412.147\*144.174/(1212 - 895)=2006.68