

2-3 D2 Notes

Monday, October 9, 2023 8:34 AM

Solve. For each, define a variable, translate into an equation, then find the answer to the question. A chart or a picture may be helpful.

- 14.** A hospital staff mixed a 75% disinfectant solution with a 25% disinfectant solution. How many liters of each were used to make 20 L of a 40% disinfectant solution?

- 18.** How many quarts of water must be added to 5 qt of an 80% antifreeze solution to make a 50% antifreeze solution?

- 22.** How much water must be evaporated from 6 qt of a 50% antifreeze solution to produce a 75% solution?