

Cleaning Fluid and Moving Boxes

**Problem Card 1**

A recipe for cleaning fluid uses water and vinegar. Clare made a certain amount of this cleaning fluid. How much water did she use?

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**Data Card 1**

- The recipe says to use 4 parts water.
- The recipe says to use 3 parts vinegar.
- The ratio of water to vinegar is 4 : 3.
- The ratio of vinegar to water is 3 : 4.
- Clare made a total of 28 tablespoons of cleaning fluid.

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**Problem Card 2**

Andre and Han are moving boxes, each working at a constant rate. How long will it take Andre and Han to move all the boxes?

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**Data Card 2**

- Andre can move 4 boxes every half hour.
- Han can move 5 boxes every half hour.
- The ratio of boxes moved by Andre to boxes moved by Han is 4 : 5.
- The ratio of boxes moved by Han to boxes moved by Andre is 5 : 4.
- There are 72 boxes that need to be moved.

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