Respiratory Volume Calculations Worksheet

Name:

Getting Started

What is the Tidal Volume (TV)?	In mL, what is the average person's tidal volume?	What is the Inspiratory Reserve Volume (IRV)?	In mL, what is the average person's IRV range?	What is the Expiratory Reserve Volume (ERV)?
In mL, what is the average person's ERV?	What is the Residual Volume?	Why is Residual Volume important?	What is the equation for Vital Capacity (VC)?	In mL, what is the average person's VC?

Equations: Show your work in the space provided & fill your answer in the blank.

1. VC: 4000 ml IRV: 2837 ml TV: 475 ml ERV: ?? Answer: _____ ml	2. VC: 4732 ml IRV: 2345 ml TV: ?? ERV: 936 Answer: _____ ml	3. VC: ?? IRV: 2533 ml TV: 503 ml ERV: 1170 ml Answer: _____ml
4. VC: 3431 ml IRV: ?? TV: 485 ml ERV: 999 ml Answer: _____ ml	5. VC: 4222 ml IRV: 2798 ml TV: 491 ml ERV: ?? Answer: _____ ml	6. VC: 3888 ml IRV: ?? TV: 458 ml ERV: 803 ml Answer: _____ ml