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Solution: The hydraulic fluid is at the same level so $\rho_1 = \rho_2$. or A force F_1 applied at A_1 is multiplied by the ratio of the areas so $F_2 = (A_2/A_1)F_1$ The lifting force F_2 can also be rewritten as $F_2 = A_2(F_1/A_1) = A_2\rho_1$, and putting in the numbers

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REVIEW OF PHYSICS FLUIDS PROBLEMS AND SOLUTIONS BAISONORE

- All the info you need to feed your dog the way they are meant to eat is in here. Squeamish Americans may have trouble with this Australian vet's no-nonsense philosophy, but he's right and it works. He is a bit repetitive and production costs were kept to a minimum, but it serves his purpose well - to re-educate people. Great basic nutritional primer. No matter which chapter you turn to, you will be regaled with his basic tenet - dogs need FRESH, RAW food (mostly raw, meaty bones) EVERY DAY to be healthy their whole lives.
- Overall a great book, but if an author is going to create a new

edition, I think greater care is needed when updating sections. One small example is that the price of postage stamps (when discussing mail surveys) is still listed as 32 cents. Little things, but if I'm going to pay for an updated book, I expect all of the book to be updated to reflect the current state of affairs.