

Why can't I fly? & Bernoulli's Principle

1. (T,F) Humans cannot fly because they don't have wings.
2. Describe the bones of a bird that allow them to fly

3. Birds have _____ inside their bodies which make them lighter.
4. What is the only mammal that can fly? _____
5. What is the largest bird that can fly? _____
6. The smallest bird that can fly is the _____
7. Name two birds that cannot fly _____
8. Daniel Bournoulli was (Swiss, Italian, German)? _____
9. Bournoulli discovered that as the velocity of a fluid increases, its _____ decreases.
10. Does the air flow faster over the top of an airplane wing or over the bottom? _____
11. Does fast moving air yield low or high air pressure? _____
12. In the space below, label each arrow according to which shows the area of *lower pressure* and which is *higher pressure*.

