

## Chapter 4 Data Normalisation - Performin' Pups 3nf Ex 3

### Step 3: Eliminate columns not dependent on a key

If attributes do not contribute to a description of the key, remove them to a separate table.

#### Hint

The puppy table satisfies the first normal form; that is, it contains no repeating groups. It satisfies the second normal form since it doesn't have a multi-valued key. But the key is a puppy number, and the kennel name and kennel location describe only a kennel, not a puppy.

To achieve a third normal form, these values must be moved into a separate table.