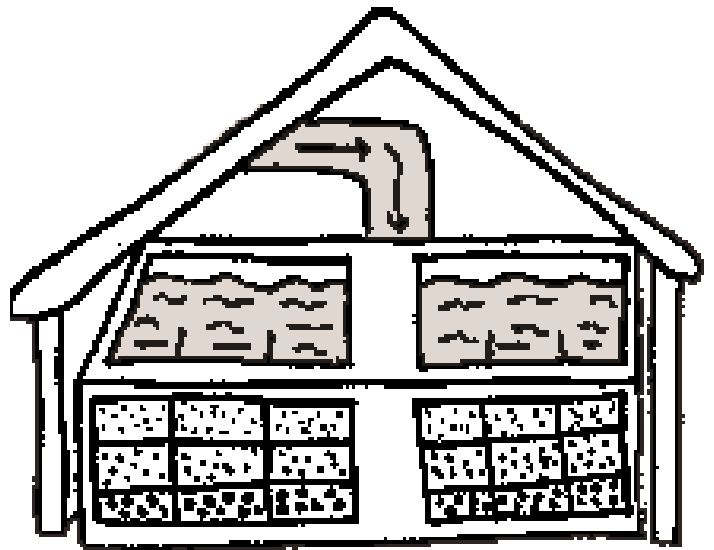


# That Sinking Feeling

The water is then pumped out of the softening basins into a large building with 16 open basins that look like mini swimming pools. In each basin, water sinks down through 100 TONS of gravel and 130 TONS of sand - that's over 2 feet of each!! Any remaining particles in the water get trapped in the sand and gravel. The clean water then flows out of the bottom of the basins.

**Directions:** Find out what this process is called by solving the puzzle below. Use the clues to help you figure out what letter goes in each of the blanks at the bottom of the page. The blanks are numbered for you to follow. For example, the answer to #1 goes in blank #1.

1. What letter is in fox but not in box?
2. What letter is in big but not in bog?
3. What letter is in feel but not in feed?
4. What letter is in troll but not in roll?
5. What letter is in lard but not in lad?
6. What letter is in male but not in lime?
7. What letter is in fret but not in ref?
8. What letter is in spill but not in pulls?
9. What letter is in done but not in end?
10. What letter is in night but not in thigh?



1 2 3 4 5 6 7 8 9 10

## **DEWEY**™ Facts:

- Water is the only substance found naturally in 3 states - solid (ice), liquid (water), and gas (water vapor).
- Water is called the "Universal Solvent" because so many things can dissolve in it.
- You can fill an 8-ounce glass of water about 15,000 times for the same cost as a six-pack of pop.
- Every 40 hours the sand & gravel in a filter is washed to clean out the trapped dirt and particles.

