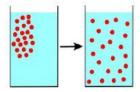
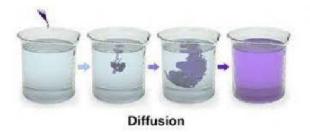
| Name: | Date: |
|-------|-------|
|       |       |

## Diffusion

Fill in the blanks with an appropriate word or phrase to make the sentences accurate. Ensure the words you insert are correctly spelt.



of \_\_\_\_\_ concentration, to an area of \_\_\_\_\_ distributed.



The area in the beaker where the potassium permanganate crystals were placed, had a \_\_\_\_\_ concentration of the potassium permanganate particles than the other \_\_\_\_ of the water in the beaker. Diffusion occurred when the particles \_\_\_\_\_



| to those other dreas that had aconcentration of       |
|---|
| potassium permanganate particles.                     |
|   |
|   |
| affects the rate of diffusion. In both beakers of hot |
| and cold water, the process of was able to take       |
| place. However, in the beaker with thewater, the      |
| process occurred much faster because the potassium    |
| permanganate particles gained energy and were able    |
| to move and spread than in the beaker with            |
| water.  |

