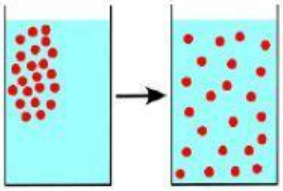
**Name:** _____ **Date:** _____

**Diffusion**

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



Diffusion is the process by which _____ move from an area of _____ concentration, to an area of _____ concentration, until the particles are _____ distributed.

**Diffusion**

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 _____

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to those other areas that had a _____concentration 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 the _____water, 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.

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