## Easy Pressure Test

## Activity

## Worksheet

## Air Pressure Test Table

| Shapes | Volume <br> $\left(\mathrm{cm}^{3}\right)$ | Surface area <br> $\left(\mathrm{cm}^{2}\right)$ | Shape bottom <br> area $\left(\mathrm{cm}^{2}\right)$ | Number <br> of edges | Number <br> of sides | Time till it bursts <br> $($ seconds $)$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Cube |  |  |  |  |  |  |
| Pyramid |  |  |  |  |  |  |
| Large <br> cylinder |  |  |  |  |  |  |
| Small <br> cylinder |  |  |  |  |  |  |

Based on the observations during the activity, draw the picture that represents water molecule in the gaseous state in each container.


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From the picture, circle the areas that resist high pressure.


