

Pictorial Compare and contrast frame

For each of the following, draw how the molecules behave when they are "poured" into each of the containers.

A picture frame falls into the container...



Does it fill the container?

Does the volume change? I.e. Did the solid molecules take up more space after it has been poured?

How do the molecules behave ones they are in the container? Free flowing? Remain constant?

Can the item be compressed?

A glass of orange juice is poured into the container...



Does it fill the container?

Does the volume change? I.e. Did the liquid molecules take up more space after it has been poured?

How do the molecules behave ones they are in the container?

Can the item be compressed?

Carbon dioxide is poured into the container...



Does it fill the container?

Does the volume change?

How do the molecules behave ones they are in the container?

Can the item be compressed?