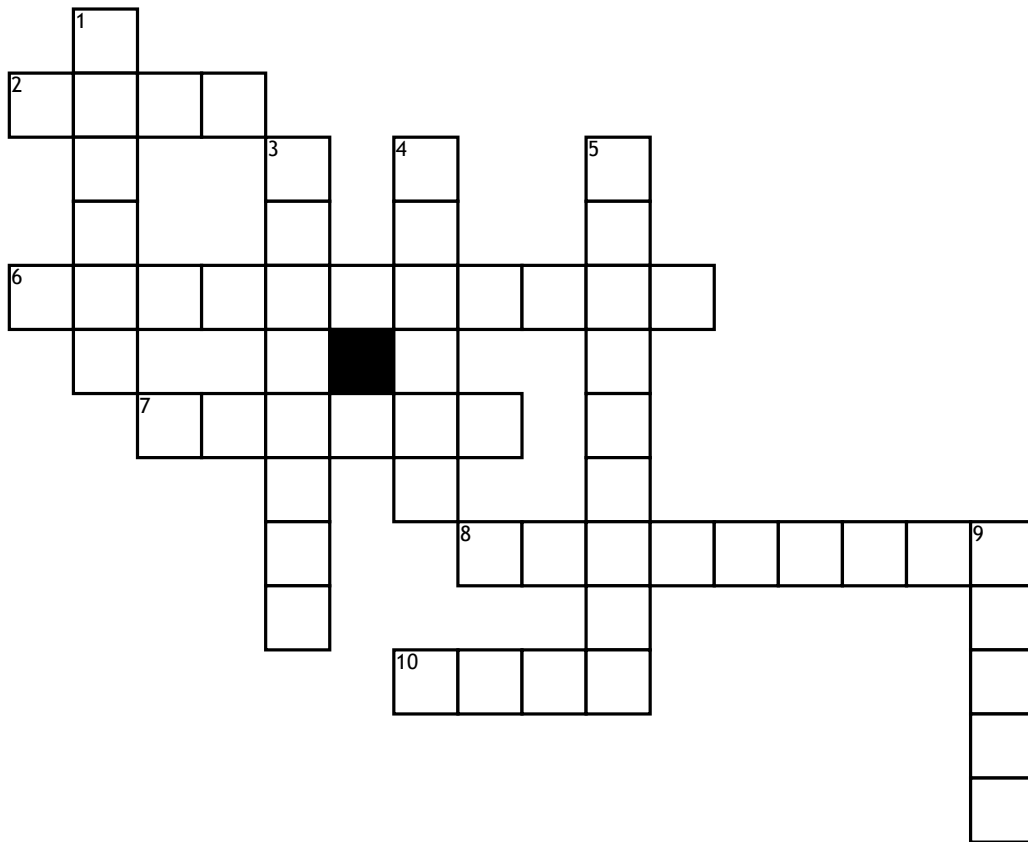


Latent Heat Capacity



Across

2. When a solid is heated, its particles _____ energy
 6. The specific latent heat of a substance is the energy needed to change the state but not the _____
 7. Energy is measured in _____
 8. Mass is measured in _____
 10. Specific latent heat = energy ÷ _____

Down

1. When a substance is heated, its particles move _____

3. In a gas, the particle collisions with the container walls are more _____

4. The bonds in a gas are _____ than they are in a solid
 5. Gases can be compressed because the _____ are very spread out
 9. The first flat line on the specific heat capacity graph shows a _____ to a liquid.

Word Bank

- | | | | | |
|-----------|--------|--------|-------------|-----------|
| Particles | Faster | Joules | Temperature | Kilograms |
| Mass | Weaker | Gain | Frequent | Solid |