**Activity 61: Mixing Hot and Cool Water (Data)**

| Mixing Water Data | | | | | |
|---|---|---|---|---|---|
| **Experiment** | **Water** | **Volume (ml)** | **Starting Temperature ($^0$C)** | **Final Temperature ($^0$C)** | **Temperature Change ($^0$C)** |
| 1 | Hot | 60 | 65 | 38 | -27 |
| | Cool | 60 | 18 | | 20 |
| | | | | | |
| 2 | Hot | 60 | 65 | 40 | -25 |
| | Cool | 30 | 18 | | 22 |
| | | | | | |
| 3 | Hot | 30 | 65 | 28 | -37 |
| | Cool | 60 | 18 | | 10 |

**\*Note: if the temperature decreases, temperature (hot water), temperature should be negative. If the temperature increases (cool water), temperature should be positive.**