

# Critical Experiment 1

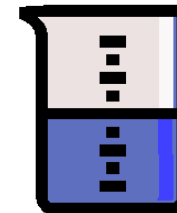


If we have equal amounts  
of the same kinds  
of materials at different  
temperatures  
and put them together,  
what happens?

1. pretty close to 50 C
2. pretty close to 80 C
3. pretty close to 20 C
4. greater than 80 C
5. less than 20 C



200 g of  
water  
at 80 °C



200 g of  
water  
at 20 °C

# Critical Experiment 2

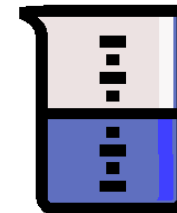


If we have unequal amounts  
of the same kinds  
of materials at different  
temperatures  
and put them together,  
what happens?

1. pretty close to 40 C
2. pretty close to 80 C
3. pretty close to 20 C
4. greater than 60 C
5. something else



100 g of  
water  
at 80 °C

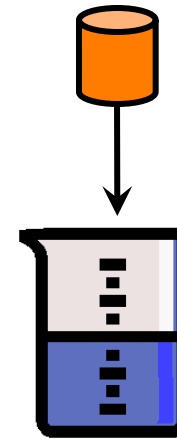


200 g of  
water  
at 20 °C

# Critical Experiment 3



If we have equal amounts  
of different kinds  
of materials at different  
temperatures  
and put them together,  
what happens?



200 g of  
copper  
at 80 °C

200 g of  
water  
at 20 °C

1. pretty close to 50 °C
2. pretty close to 80 °C
3. pretty close to 20 °C
4. greater than 80 °C
5. less than 20 °C