

Phases Group Work you need 1 sheet of graph paper, plus this handout. Staple them together when done.

On graph paper you will make the following heating and cooling curves. Make the curves FULL PAGE sized.

1. Draw the heating curve for silver. Label points ABCDEF left to right. COPY table from below onto your graph.
2. Draw the cooling curve for palladium Label points ABCDEF left to right. No boxes for cooling curve.

HEATING CURVE SEGMENT	Phase or Phases present	Kinetic Energy	Temperature	Potential Energy
AB				
BC				
CD				
DE				
EF				

3. On the BACK of two graphs: Draw the phase diagram for water. (copy from notes) Label these points: normal FP + normal BP, the triple point, and the critical points. Add in text descriptions. Draw in 3 pairs of arrows, and label ALL 6 phase changes.

Phases Group Work you need 1 sheet of graph paper, plus this handout. Staple them together when done.

On graph paper you will make the following heating and cooling curves. Make the curves FULL PAGE sized.

1. Draw the heating curve for fluorine. Label points ABCDEF left to right. COPY table from below onto your graph.
2. Draw the cooling curve for nitrogen Label points ABCDEF left to right. No boxes for cooling curve.

HEATING CURVE	Phase or Phases present	Kinetic Energy	Temperature	Potential Energy
AB				
BC				
CD				
DE				
EF				

3. On the BACK of two graphs: Draw the phase diagram for water. (copy from notes) Label these points: normal FP + normal BP, the triple point, and the critical points. Add in text descriptions. Draw in 3 pairs of arrows, and label ALL 6 phase changes.