Practice problems broken down by topic. C = conceptual, Q = quantitative
Bold = no turkey for you until you have finished these.

Δ*U*, heat, work

001 Q	019 C	**034 Q**	**053 Q**	**063 C/Q**
008 Q	**020 C**	**036 Q**	**055 Q**	
011 Q	**028 C**	**041 Q**	**057 C**	
018 C	**031 C**	**049 C**	**061 C**	

Heating curves

010 Q	013 Q	039 Q	044 Q

(Phase change only)

002 Q	024 Q	054 Q	064 Q

(Specific heat only)

007 Q	026 C	047 C
009 C	033 Q	**059 C**

Calorimetry (ΔE means the same thing as ΔU)

003 Q	012 Q	017 Q	**046 C**
005 Q	014 Q	037 Q	062 C

Δ*H* from Hess's Law

006 Q	035 Q	045 Q	071 Q
025 Q	042 Q (also ΔH_f)	052 Q	

Δ*H* from heats of formation

042 Q (also Hess's Law)	058 C	069 Q
051 Q	067 Q	

General questions about heats of formation
(mostly recognizing a formation reaction when you see one)

022 C	030 C	**040 C**
029 C	**032 C**	**050 C**

ΔH_{rxn} from bond energies (see Course Pack p 408 for bond energies).

004 Q	016 Q	043 Q	066 Q
015 Q	038 Q	048 Q	068 Q (answer is close, not exact)

general questions about bond energies
021 C
070 C

General questions about Δ*H* and heats of reaction
(usually calculating heat given off when reacting a certain mass)

023 Q	056 Q	065 Q
027 C	060 C	072 Q