

How to Set Up Your Warm-ups in Honors Chem

Warm-up #1

HW: (You copy it down from the board/PowerPoint)

Questions: (provided for you - here is an example)

- 1) What does temperature measure?
- 2) Convert 25°C into Kelvin

1) **Molecular movement**

$$2) K = C + 273$$

$$K = 25C + 273 = \boxed{298 K}$$

*Average movement!
Don't forget!*

Warm-up #2

HW: (You copy it down from the board/PowerPoint)

Questions: (provided for you - here is an example)

- 1) What sign should Q be if you are heating something up?
- 2) What SI unit do we use for specific heat capacity?
- 3) What mass of water would absorb 2.5 kJ of energy while heating 40°C to 45°C?

1) +

2) J/g°C

$$3) Q = mC\Delta T \rightarrow m = Q/(C\Delta T)$$

$$m = (2.5kJ)/(4.18 J/g^{\circ}C)(45^{\circ}C - 40^{\circ}C) = \boxed{0.12g}$$

$$m = (2500 J)/(4.18 J/g^{\circ}C)(45^{\circ}C - 40^{\circ}C) = \boxed{119.6 g}$$

*Forgot to convert kJ
to J - Check units!*

- Warmups are graded assignments.
- If you are absent you are required to make up the missed Warmups.
- You are responsible for knowing, understanding, and following the formatting requirements.
- If you have questions about the formatting requirements it is your responsibility to ask.
- See the back of this paper for more details.

Warm-up
slip glued
in!
ALWAYS!

Copy down
your HW!
ALWAYS!

Show all
your work!
ALWAYS!

Include
Units!
ALWAYS!

Box your #
answers!
ALWAYS!

Correct in
GREEN
pen!
ALWAYS!

Highlighter
to show
end!
ALWAYS!

New work
under
highlighter!
ALWAYS!

Cross out
with single
line!
ALWAYS!

More Details about WARMUPS

- 1) Warmups are to be completed in your composition book only. No paper(s) can be stapled, taped, etc. into the book and receive credit.
- 2) Student may only receive up to FULL credit if the work is done in the composition book on that date.
- 3) Composition books will be graded in class the same day whenever possible. You may sometimes leave them in class to be graded. Sometimes they will be graded later, or not at all.
- 4) When graded they may be graded for completion and/or accuracy. Sometimes part of the grade will be whether or not you finished your notes from the previous lesson.
- 5) Following instructions regarding formatting is not optional. If you do not follow the instructions you will not receive full credit.

Possible Situations:

- 1) **ABSENT:**
 - You can find the warmups on the class website. If possible, please print at home and glue into your notebook and complete at home before returning to school so you are not behind.
 - If you cannot print at home as described above, then you must get the warmup slip from the absent bin and do the warmup
 - **SHOW** me that it was completed according to the standard absent procedure – you get the number of days as you were absent. Absent one day, you get one day. Absent two days, you get two days.
 - If shown to me within the allotted number of days, I will stamp it.
 - If there is no stamp for being absent, the students will earn no more than 50% of the points possible.
- 2) **FORGOT TO BRING COMPOSITION BOOK TO CLASS:**
 - If a Warmup is completed on paper other than in the composition book, you cannot receive full credit.
 - When a Warmup is transferred into your composition book (as in written in), there will be no handwritten grade, but there will be a Transfer Stamp, therefore they may earn up to 75% of possible points for that specific Warmup.
 - You must show me your original graded Warmup in order to get a Transfer stamp to show that you have transferred the Warmup from binder paper into your composition book.
 - If there is no stamp for the transfer, you will only be eligible to earn 50% of the points possible.
 - Transfer of work into the composition book must occur by the **NEXT** school day.
 - *Transfer:* Means to re-write the information in the composition book, not staple, tape, etc... the paper into the composition book
- 3) **LOST COMPOSITION BOOK:**
 - Don't lose your composition book...
 - If you lose your composition book you will not have any of the handwritten grades, so there is no record of your scores. Therefore, your redone work will only be eligible to earn up to 50% of the points possible.
 - I strongly suggest you scan or take pictures of your composition book to keep a record of your scores just in case you may have lost it.
 - If you do this, **YOUR FULL NAME** and **THE DATE** in **INK** must be written on each page so I know it is your work.

**Requirements, formatting instructions, grading procedures, etc are subject to change at teacher's discretion. If changes are made you will be notified in class.*

**If a situation arises that is not discussed above, it is your responsibility to bring it to the teacher's attention immediately. If you have questions it is your responsibility to bring it to the teacher's attention immediately.*