
Name

“Civilization advances by extending the number of important operations which we can perform without thinking of them.” (Alfred North Whitehead)

Draft Due: Monday, March 2

Final Version Due: Friday, March 6

Directions

You have some choice on which of the following problems you turn in but I expect you to know how to do all of them. Remember, you may discuss any of these with anyone but there is to be no collaboration on how to write them up.

The Problems

Section 1.D Do any two of numbers 1, 2, 3, and 4.

Section 1.E Do any three of numbers 4, 5, 9, 12, 20, 21, 25, 27

\LaTeX Directions

When you have received the go-ahead for submitting a homework problem in \LaTeX please do the following.

- Enclose the statement of the homework problem between `\begin{problem}` and `\end{problem}`.
- Enclose the proof between `\begin{proof}` and `\end{proof}`

For example, your file might include

```
\begin{problem}
  ... statement of the problem goes here
\end{problem}
\begin{proof}
  ... solution of the problem goes here
\end{proof}
```