PROBLEM SET TEMPLATE 2

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Bullets

```
\begin{enumerate}

    \item Do Math 55 problemset.

    \item Do Math 55 problemset.

    \item Do Math 55 problemset.

\end{enumerate}
```

Output

(1) Do Math 55 problemset.

(2) Do Math 55 problemset.

(3) Do Math 55 problemset.

Defination

```
\begin{defn}

    Defination Body.

    \end{defn}
```

Output

Definition 1. Defination body.

Proof

```
\begin{proof}

    Add proof body here.

\end{proof}
```

Date: February 7, 2021.

Output

Proof. Add proof body here. □

Frame & problem set

```
\begin{framed}
    \begin{statement}{Problem 1}
        Add the problem statement here.
    \end{statement}
\end{framed}
```

Output

Problem 1. Add the problem statement here.

Equations

ADD * to not include equation numbers

```
\begin{align} %To add several equations
    0 &= 0 + 0 + 0 + 0 + \dots\\
    &= (1 - 1) + (1 - 1) + \dots \\
    &= 1 + (-1 + 1) + (-1 + 1) + \dots \\
    &= 1 + 0 + 0 + 0 \dots \\
    &= 1.
\end{align}
```

Output

$$0 = 0 + 0 + 0 + 0 + \dots \tag{1}$$

$$= (1 - 1) + (1 - 1) + \dots \tag{2}$$

$$= 1 + (-1 + 1) + (-1 + 1) + \dots \tag{3}$$

$$= 1 + 0 + 0 + 0 \dots \tag{4}$$

2

$$(5) \qquad\qquad\qquad = 1.$$

Alternative Command for adding single equation

```
\begin{equation}
    E = m*c^2
\end{equation}
```

Output

$$(6) \qquad\qquad\qquad E = m * c^2$$

Text Alignment

```
\usepackage{ragged2e}
\justify
\Centering
\RaggedLeft
\RaggedRight
```

Table

```
\begin{center}
    \begin{tabular}{ |p{3cm}||p{3cm}|p{3cm}|p{3cm}| }
        \hline \hline
     cell1 & cell2 & cell3 \\
        \hline\hline
        cell4 & cell5 & cell6 \\
        \hline
     cell7 & cell8 & cell9\\
        \hline
    \end{tabular}
    \end{center}
```

Output

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9