Microsoft Word and Equation Editor Practice Assignment

All of the things on the following page were created and formatted within Microsoft Word. Most of the formatting is through the use of tables. All of the equations were made with Equation Editor. I have 1 inch margins on all sides. Your job is to recreate this as precisely as you can. You will need to use all of the tool-type pull down menus, and several of the other menus besides. Experiment, help each other, and ask questions when you can't find something (don't stay stuck too long).

Rubric:

points	description
10	Perfection
9	Close to perfection--only subtle errors
8	Something doesn't work
7	Two somethings don't work
5-6	A few somethings don't work, but definitely in the minority
3-4	About half of everything works
0-2	Several somethings work

This is just a table with a fancy border and a special symbol.

×	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100

All of these can be done with Equation Editor

$|2x+5| \le 10$

$\Delta ABC \cong \Delta A'B'C'$

$y \propto x^2$

$ab\,c\quad d\cdots e$

$y'' = \sqrt{x}$

$$\begin{pmatrix} 1 & 0 & \cdots & 0 \\ 0 & 1 & & 0 \\ \vdots & & \ddots & \\ 0 & & & 1 \end{pmatrix}$$

$2 \cdot 6 = 4 \times 3 = 24 \div 2$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$x^2 = 5 \quad \Rightarrow \quad x^2 - 5 = 0$

$4 \notin \{x \in Z \mid x < 2\}$

$(A \cap B) \subseteq A$

$$\frac{\partial}{\partial x}(x^2 y)$$

$\overline{AB} \perp \overleftrightarrow{CD}$

$m\angle ABC = 90°$

$A = \pi r^2$

$$y = \begin{cases} 2x & \text{if } x < 1 \\ x^2 + 3 & \text{if } x \ge 1 \end{cases}$$

$$\int_1^3 x^2 dx = \frac{x^3}{3}\Big|_1^3 = \frac{27}{3} - \frac{1}{3} = \frac{26}{3}$$

$$\frac{\frac{1}{x+1} - \frac{2}{x+2}}{2 + \frac{1}{x}}$$

$$\frac{\dfrac{1}{x+1} - \dfrac{2}{x+2}}{2 + \dfrac{1}{x}}$$

$$\sqrt[3]{\frac{1}{x} + 5}$$

$\{a_1, a_2, \ldots\}$

$$\lim_{h \to 0} \frac{\sqrt{x+h} - \sqrt{x}}{h}$$

$$4\overline{)738}\quad 184\ R2$$

$$\begin{array}{r} 4 \\ \hline 338 \\ 32 \\ \hline 18 \\ 16 \\ \hline 2 \end{array}$$

$$\begin{bmatrix} 4 & 3 & 1 \\ 1 & 2 & 5 \\ 2 & 1 & 1 \end{bmatrix} \times \begin{bmatrix} 1 \\ 0 \\ 1 \end{bmatrix}$$

Is your equation in line with the text? $\sum_{i=1}^{n} \frac{3}{i^2}$

$$\begin{array}{r} {\scriptstyle 4}\quad {\scriptstyle 1}{\scriptstyle 1} \\ 5\ 2\ {}^{1}3 \\ -\ 1\ 7\ 6 \\ \hline 3\ 4\ 7 \end{array}$$