Quiz # 2

September 9, 2014 No electronic devices or interpersonal communication allowed. Show work to get credit.

(1) Place an 'x' in a cell below if (and only if) the number for that row belongs in the set for that column.

	N	W	\mathbb{Z}	Q	\mathbb{R}
1/2					
2/1					
$ \begin{array}{c c} -2/1 \\ \hline 0/2 \\ 2/0 \end{array} $					
0/2					
2/0					
$\sqrt{4}$					
$\sqrt{5}$					
$\sqrt{-4}$					
$-\sqrt{4}$					

(2) Simplify $\frac{3}{20} - \frac{1}{14}$.

(3) Evaluate $(3 - 2(3+2))(-3^2)$.

(4) Rewrite $|\pi - 7|$ without absolute value signs.