

01 – Short Answer Assignment: SHOW ALL WORK

1	Simplify: $3 - 2 \cdot [5 - 2(-4)] + 10/2$																												
2.	Check off all the categories that apply: <table border="1" data-bbox="264 751 1157 1041"><thead><tr><th></th><th>Integer</th><th>rational</th><th>irrational</th></tr></thead><tbody><tr><td>$\sqrt{7}$</td><td></td><td></td><td></td></tr><tr><td>2.5678</td><td></td><td></td><td></td></tr><tr><td>$\frac{12}{4}$</td><td></td><td></td><td></td></tr><tr><td>1.23223222322223...</td><td></td><td></td><td></td></tr><tr><td>3.04040404...</td><td></td><td></td><td></td></tr><tr><td>$-\frac{7}{8}$</td><td></td><td></td><td></td></tr></tbody></table>		Integer	rational	irrational	$\sqrt{7}$				2.5678				$\frac{12}{4}$				1.23223222322223...				3.04040404...				$-\frac{7}{8}$			
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3.	Evaluate for $x = -2$ and $y = 3$ $2y - 3x(5x - y) =$																												