Name:		Date:		Math 9/10 Honors
	Unit Test 1 – No Ca	lculators Allowed (Practice Vers	ion)	
Show a method	ll your work. Indicate clearly the methods as well as on the accuracy and comple	ds you use, because you will be g teness of your results and explan	raded or ations.	a correctness of your
Simpli	fy the following.			
1.	Order the following numbers from least to greatest: $-6, -1, 0, 3, -4, 2$. [3pts] Jse the "<" and ">" signs.			
2.	raw a number line and plot the following integers: $-2,4,-6,1,-3$. [3pts]			
3. a.	Evaluate the following expressions: $[3p_{7} + 3 \times 2 $ b. $(8 + 2) \div 5 -$	ots each] 1 c. $12 - 3 \times 4 + 5$		d. 6 + 8 ÷ 2 − 3
4. a.	Convert the following fractions to decim $\frac{1}{4}$ b.	als: [3pts each] 3 5		c. $\frac{2}{3}$
5. a.	Convert the following decimals to perce 0.25 b.	ntages: [3pts each]).5		c. 0.75
6. a.	Convert the following percentages to fra 20% b.	ctions: [3pts each] 50%		c. 75%
7. a.	Round the following numbers to two dec 3.14159 b.	cimal places. [3pts each] 2.71828		c. 1.234567

- 8. Simplify the following exponent expressions. [3pts each]
- a. $5^3 \times 5^4 =$ b. $(4^2)^3$ c. $\frac{8^4}{8^2}$
- 9. Simplify the following expressions:[3pts each]a. $\sqrt{27} + \sqrt{12}$ b. $\sqrt{75} \sqrt{48}$ c. $\sqrt{3} \times \sqrt{27}$

10. Simplify the following expressions and rationalize the denominator: [3pts each] a. $\frac{5\sqrt{2}+\sqrt{10}}{\sqrt{2}}$

b. $\frac{3\sqrt{5}-\sqrt{2}}{2-\sqrt{5}}$

c. $\frac{2\sqrt{7}}{\sqrt{5}-\sqrt{2}}$

d. $\frac{5+\sqrt{10}}{\sqrt{10}-2}$