Name:
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MAC 1105.1A26
Cyr

Quiz 1
You must show all work to receive full credit!!

Problem 1. (2 pts) Simplify the following expression as much as possible: $\dfrac{6 \cdot -4 + (2^3)^2}{-5 + [(-6)^2 - 42 \div 2]}$.

Problem 2. (1 pt) Circle the correct choice: if $x < 2$, then $|8 - 4x|$ equals:

a. $8 - 4x$ b. $8 + 4x$ c. $-8 + 4x$

Problem 3. (2 pts) Find the difference: $3(8x^2 - 5x) - 5(3x^2 - 2x + 4)$.