

N3CS19

Practice Set 07

Instructions: Answer each question on loose leaf, quad-ruled (graph paper), headed properly and written in lead-graphite. Remember to fold paper along the center, work exercises in order top to bottom, left column then right column. Staple multiple pages

- 1) Write $0.\overline{36}$ as a fraction
- 2) Gv1 pg. 27: #8
- 3) Gv1 pg. 27: #10
- 4) If $x^2 = 17$, $x = ?$
- 5) Gv1 pg. 27: #12
- 6) Gv1 pg. 76: #16
- 7) Evaluate: $17 - 11(7 \div 5 \cdot 3) - 2^3$; keep your result rational, i.e., as a fraction, even if improper!
- 8) Evaluate $\frac{v_f - v_i}{t}$ where $v_f = 288 \frac{m}{s}$, $v_i = 69.4 \frac{m}{s}$, and $t = 300s$; include the correct units in your result.

BONUS: Estimate the $\sqrt{19}$ (hint: what number below 19 and above 19 have perfect square roots?) State your result as follows: "The square root of 19 is between _____ and _____."