

MAT 1033C Chapter 5 Test

Name: _____ Due: 2:30PM on 19 Nov 2018

Print your name on each sheet of paper you turn in, including this test paper. Other than your name, do not write on this test paper. On your scratch papers, correctly number each problem and, show work and all answers together, neatly written in pencil. Do not turn in scratch papers that have been torn out of a spiral notebook. Please do not staple your papers. .

Students may not receive help on this test from anyone who works at Valencia College.

1. When asked to *factor* a polynomial, what exactly does the word "*factor*" mean, as mentioned in class?
2. What is the *greatest common factor* (GCF) of $168pr^4$ and $784p^3q^6r^9$?
3. Factor completely: $144p^2 - 64$
4. Factor completely: $16k^3 + 128$
5. Solve for h : $20h^2 + 25h = 30$