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**ASSIGNMENTS HANDED IN WITHOUT A VALID SELF-ASSESSMENT WILL BE RETURNED UNMARKED.**

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| **Your homework will be assessed on the following:** | **0 points** – **Little or no work or effort shown;****COPIED from KEY; attempted 0 or few questions.** | **1 point –** **Work partially shown; attempted 50% of the questions.** | **2 points –** **WORK SHOWN (all steps); has demonstrated a good attempt at most or all of the questions** | **+1 if JOURNAL Entry Done** |
| **Day 1**: Working with Radicals (5.1) **Journal Prompt**: What is the difference between a *mixed radical* and an *entire radical*? Make up your own example of a mixed radical and show what it is as an entire radical. (Note: Many students get this wrong on a test because they forget how it works!)Sec 5.1, p. 278 #2-4, 5ab, [8-10]ac, 12, 14 opt: 13 |  |  |  |  |
| **Day 2**: Multiplying Radical Expressions (5.2) **Journal Prompt**: Make up an example today of 1 thing you learned about multiplying radicals.Sec 5.2, p. 289 #1ace, 2ac, 4acd, 5ac, 21. |  |  |  |  |
| **Day 3**: Dividing Radical Expressions (5.2) **Journal Prompt**: What is a *conjugate?* From the posters you made (Ch 3), what “rule” can you use when multiplying a binomial denominator by its conjugate?Sec. 5.2, p. 290 # 6ad, 7a, 8ac, 9a, 10bcd, 13. Extra practice (opt): 11, 17, 19-20. |  |  |  |  |
| **Day 4**: Radical Equations (Part 1)**Journal Prompt**: How do you find the restrictions on *x* if *x* is in a radical? What do you do if you get a solution for *x* that doesn’t satisfy the restriction?!*Solving Radical Equations Worksheet* (circled questions) |  |  |  |  |
| **Day 5**: Radical Equations (Part 2) **Journal Prompt**: What concepts in this chapter are still confusing?Sec 5.3, p. 301 #12, 13 or 14, 15, 16 |  |  |  |  |
| **Day 6**: Review Day:Choose questions from “What did the ocean say to the iceberg?” Worksheet and from Ch 5 Review, p. 304, #18 and 19  |  |  |  |  |
| **Day 7**: Test Ch 5 **Radical Expressions & Equations** |  |  |  |  |
| Bonus Points: Did you include study guide notes, flowcharts, sample problems with solutions, examples of common errors and how to avoid them, mind maps, etc. (max 3 marks) |  |  |  |  |

**ADD UP YOUR TOTAL POINTS HERE**: \_\_\_\_\_\_\_\_/ 15

Did you seek help? If so, what type? (e.g., Math Madness/Clinic, videos, tutor, friends, family, other: \_\_\_\_\_\_\_\_\_