Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_

Class worksheet: Alg2H

Radicals and Complex Numbers extra-fun

(book chapter 7)

|  |  |
| --- | --- |
| Factor  (show your work!) | Find the slope of the line perpendicular to the line: |

|  |
| --- |
| 1. Is the expressions (in words: Two times square-root of two over three) equal to, greater than, or smaller than, (in words: square-root of two and two thirds) ?   (Show your work). |
| 1. (challenging) Solve: |

|  |
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| 1. (challenging) Without using a calculator, determine which is larger:   or . |
| 1. (challenging) Find the value of: |