

## PreCalc Ch.4 Exponential and Logarithmic Functions

For each section, please choose to complete the paper based homework from the textbook or the online homework at [www.deltamath.com](http://www.deltamath.com). In the event that the online homework is unavailable, you should complete the homework from the textbook on paper.

If you choose to do the assignment from the textbook,

- 1) You must clearly state the topic section, page number and problem number from the textbook.
- 2) make sure you write your name on top of the page with your work and staple multiple pages together. Homework without name will be recycled, hence no credit is granted.
- 3) You must show work to support your answer and circle your final answer. You may not get credit if you do not show work to support your answers.
- 4) You can go to [www.hotmath.com](http://www.hotmath.com) for help on homework.

If you choose to do the online assignment at [www.deltamath.com](http://www.deltamath.com),

- 1) You must provide correct answers to the required number of questions. Wrong answers do not count.
- 2) make sure your answer each and every type of questions for the entire assignment.
- 3) You can click on the tab [Show Example](#) or view help videos [Help Video 1 ▼](#) [View](#) [New Tab](#) for help.

| Topics   | Textbook HW  | Online HW (on deltamath.com)                      | Due date |
|--|--|---|----------|
| 4-1 Right Triangle Trigonometry                | p.227 #3, 9, 27, 39, 47, 49  | 4-1 Rt Triangle Trigonometry                      |          |
| 4-7 The law of sines and cosines               | p.298 #1, 3, 11, 13, 19, 27, 31, 37, 45  | 4-7 Law of sines and consines                     |          |
| 4-2 Degrees and Radians                        | p.238 #11, 15, 19, 23, 27, 31, 43, 45, 3, 5,   | 4-2 Degrees and Radians                           |          |
| 4-3 Trigonometric functions on the unit circle | p.251 #5, 9, 13, 17, 19,25,27,29,31,33,35<br>(Must show work with a sketch)                          | 4-3 Trig functions on the unit circle             |          |
| 4-4 Graphing sine and cosine functions         | p.264 #3, 5, 14-19 all<br>(Must include a table of values with max, min and 3 points on the midline) | 4-4 Graph sine and cosine functions               |          |
| 4-5 Graphing other trigonometric functions     | p.277 #1, 2, 4, 6,7 (Must include a table of values including two asymptotes and three other points) | Online homework is not available for this section |          |
| 4-6 Inverse trigonometric functions            | p.288 #1-14 (no calculator, use unit circle)   | 4-6 Inverse trig functions                        |          |