|  |
| --- |
| **OBJECTIVES**  |
| * Convert from degrees/minutes/seconds to degrees in decimal form, using your TI-84.
 |
| * Convert from degrees in decimal form to degrees/minutes/seconds, using your TI-84.
 |
| * Define *radian*.
 |
| * Illustrate a radian.
 |
| * Know the approximate value of one radian in degrees, accurate to one decimal place.
 |
| * Convert from radians to degrees.
 |
| * Convert from degrees to radians. Give both an exact answer and an approximate answer.
 |
| * Find the length of an arc subtended by a central angle that is given in degrees in a circle of radius *r*.
 |
| * Find the length of an arc subtended by a central angle that is given in radians in a circle of radius *r*.
 |

**MONDAY (2.3.25)**

**Discuss the concepts printed in the plan for the week of 1.27.25.**

**Class Work/Homework:** Page 318 (***Exercises:*** #1 – 25 odd, 32).

**WEDNESDAY (2.5.25)**

**Discuss the previously assigned work:** Page 318 (***Exercises:*** #1 – 25 odd, 32).

**Class Work**: Page 318 (*Exercises*: #27, 31, 36).

**Homework:** Page 318 (Quick *Review*: #1, 3, 7, 9).

**FRIDAY (2.7.25)**

**Discuss the previously assigned homework:** Page 318 (*Quick Review*: #1, 3, 7, 9); Page 318 (*Exercises*: #27, 31, 36).

**Class Work/Homework:** Page 318 (*Quick Review:* #2 – 10 even); (*Exercises*: #2 – 24 even, 28, 29, 30).