



Arc Lengths & **AREA OF SECTORS**

TASK CARD ACTIVITY

Created by: **ALL THINGS ALGEBRA®**

ARC LENGTHS & AREA OF SECTORS

Task Card Review

Objective: Students will practice finding arc lengths and area of sectors with this task card activity. Some problems are given in radians and some are given in degrees. Cards 1-6 are arc lengths, cards 7-12 are area of sectors, and cards 12-24 are mixed applications of arc lengths and area of sectors. Some problems ask for exact answers and some ask for decimal approximations.

Directions:

- 1) Print, cut, and laminate the 24 task cards. Also, copy enough recording worksheets for each student. These are the ways I have run this activity:
 - Place 2-3 cards at each station and have students move in groups of 3-4 from station to station after approximately 4 minutes. (This way you only have to copy one set of cards)
 - Students work in pairs and are given a card set. They work together to answer each card. You will need to print, cut, and laminate many sets. I typically prefer this because it leads to more one-on-one discussion.
- 2) They may check their answers by scanning the QR code on the card. A mobile device is required with a QR scanner app. An internet connection is not required to scan the code. It's very simple to set up, feel free to email me if you have any questions!

Includes student worksheet, 24 task cards, and answer key!
A non-QR code version is included as well.

