CLASSIFYING TRIANGLES

By Angles, Given Sides

TASK CARD ACTIVITY

Created by: ALL THINGS ALGEBRA

Classifying Triangles Task Cards!

Objective: First, students must determine if the three given sides could represent a triangle using the Triangle Inequality Theorem. Then, if they do, students will classify the triangle further as acute, right, or obtuse using the converse of the Pythagorean Theorem.

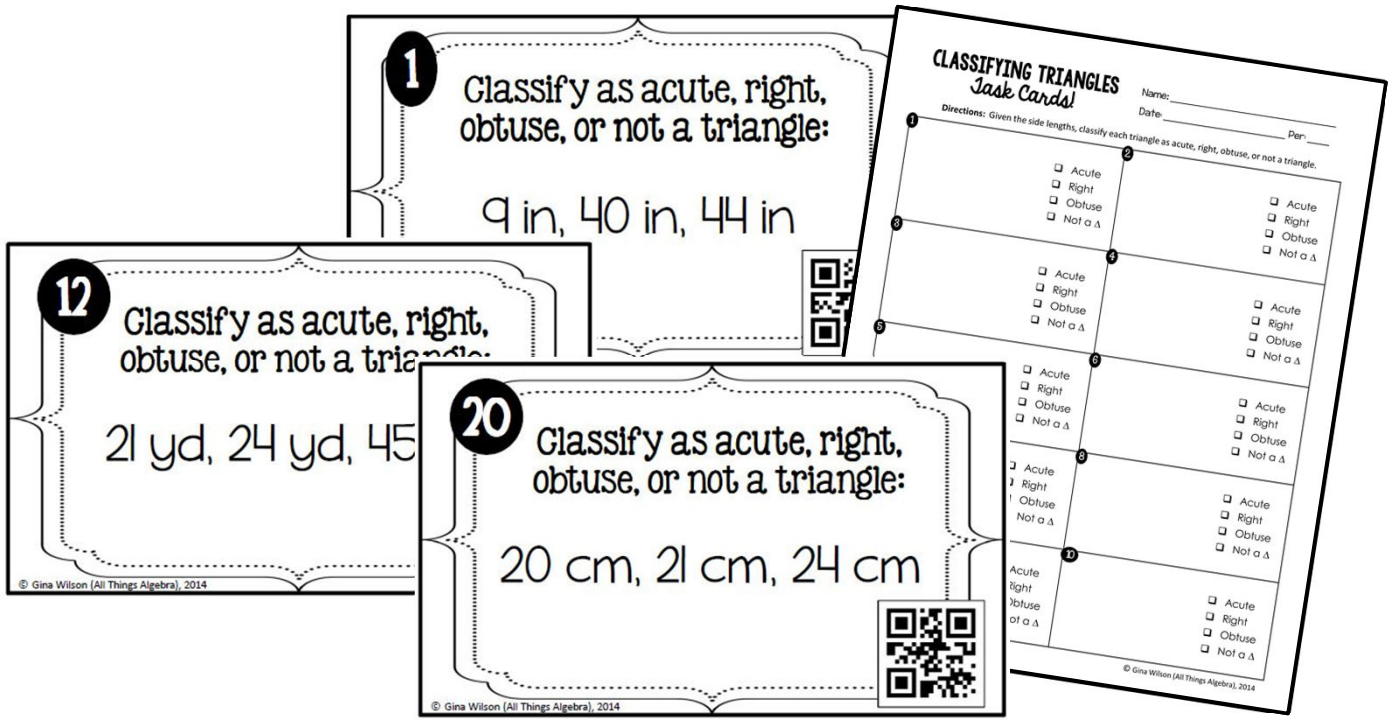
Directions:

1) Print, cut, and laminate the 20 task cards. Also, copy enough recording worksheets for each student. These are the ways I have run this activity:

- Place two cards at each station and have students move in small groups from station to station after approximately 2-3 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! A non-QR code version is also included.

Includes student worksheet, 20 task cards (both with or without QR codes), and answer key.



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