

# Monday, April 1, 2019

$$\begin{aligned} a^2 + b^2 &= c^2 \\ a^2 + 20^2 &= 25^2 \\ a^2 + 400 &= 625 \\ \cdot \quad 400 & \quad -400 \\ \hline \sqrt{a^2} &= \sqrt{225} \end{aligned}$$

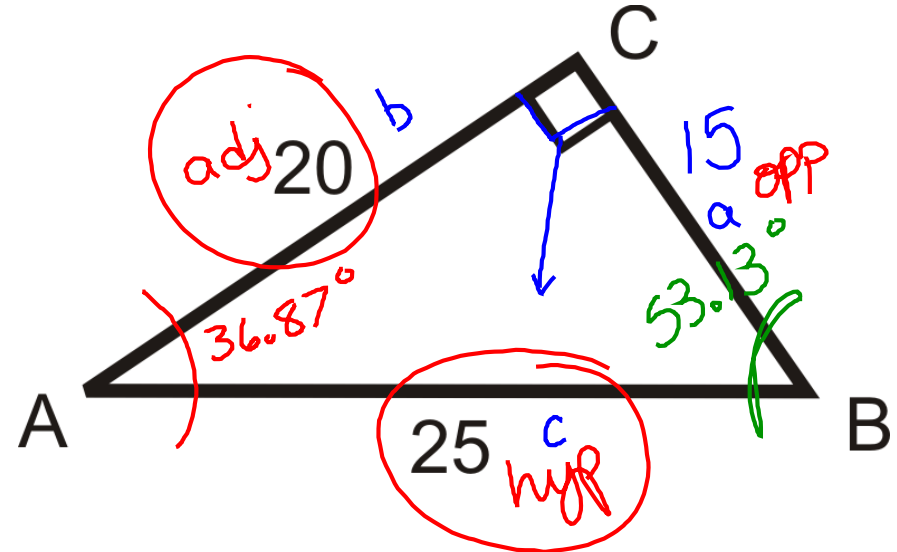
- Warm-up

- Find the missing sides and angles of the given right triangle:

$$\cos A = \frac{20}{25}$$

$$A = 36.87^\circ$$

$$\begin{aligned} B &= 180 - 90 - 36.87 \\ &= 53.13^\circ \end{aligned}$$



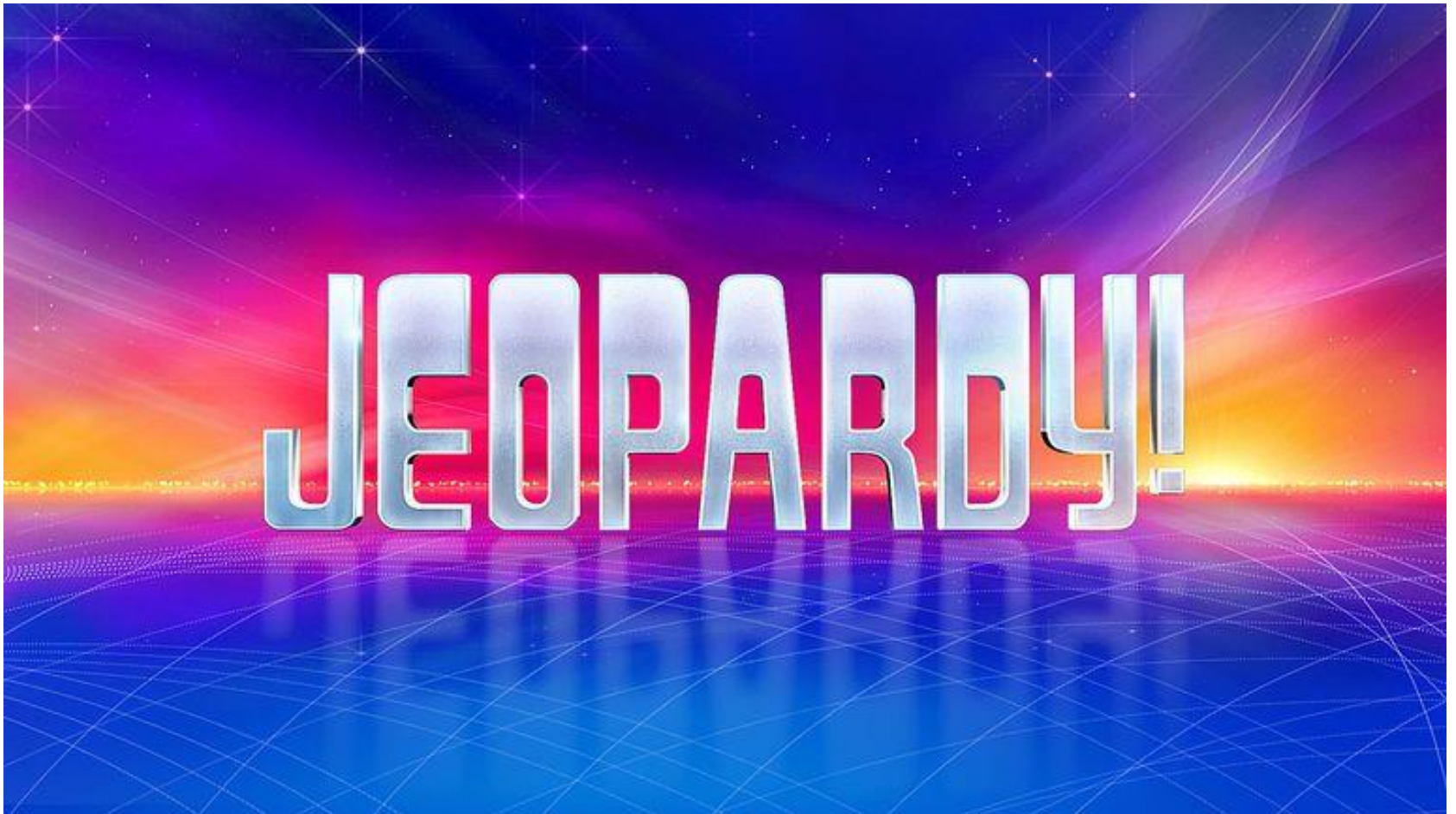
- Review right triangles

## Objectives

**Content:** I will review right triangle trigonometry concepts.

**Social:** I will work well with my team to answer the questions.

**Language:** I will review the terms **sine**, **cosine**, **tangent**, **opposite**, **adjacent**, **hypotenuse** and **angle of interest** through reading and discussion.



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