SOHCAHTOA Card Sort

Name:_____ Date:_____

Quickly identify the correct trig function and set up the equation.

Start with the SOHCAHTOA Sorting Mat and the stack of scenario cards.

1. Card Sort & Solve (8 minutes)

- Work together as a group. Your first task is to read each card and determine which of the three columns it belongs to (SINE, COSINE, or TANGENT).
- Place the cards under the correct heading on their sorting mat.
- Once the cards are sorted, work through each problem. For each card:
    1. Write the card number on your chart.
    2. Write the trig function you used (e.g., Sine).
    3. Write the setup equation (e.g., sin(30°)=10x).
    4. Solve as many equations as possible, but your main goal is a correct setup.

Mini Chart Template: SOHCAHTOA Scenario Cards

Card #	Trig Function Used (sin, cos, tan)	Setup Equation	Final Answer