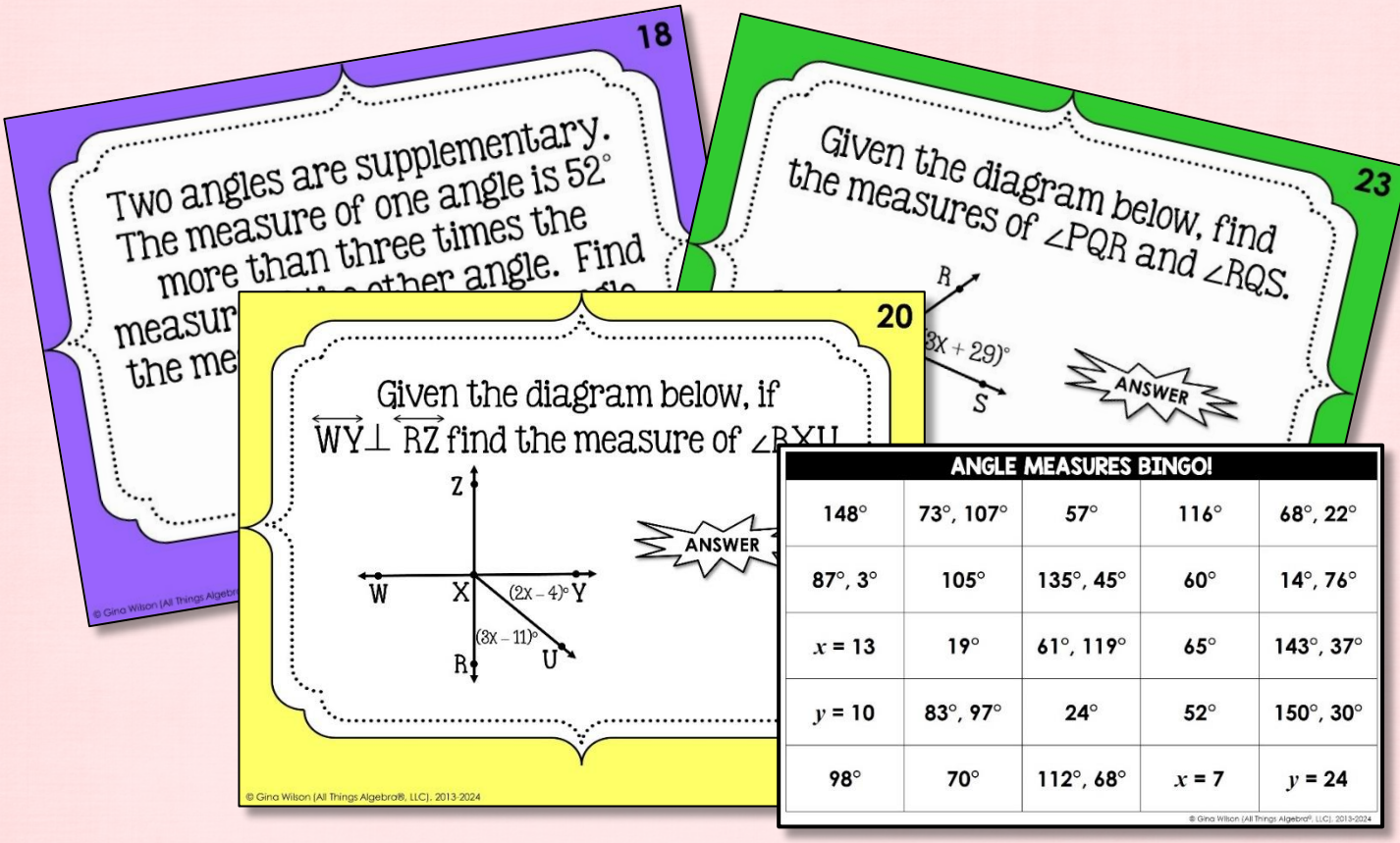


ANGLE Relationships

POWERPOINT BINGO

all things ALGEBRA®

ANGLE RELATIONSHIPS

PowerPoint Bingo!

Objective: Students will practice finding missing angle measures using angle relationships with this PowerPoint Bingo Game. Students must have an understanding of vertical angles, complementary angles, supplementary angles, linear pairs, angle bisectors, and perpendicular lines. Angles given as algebraic expressions along with verbal descriptions are also included. This activity was designed for a high school level geometry class.

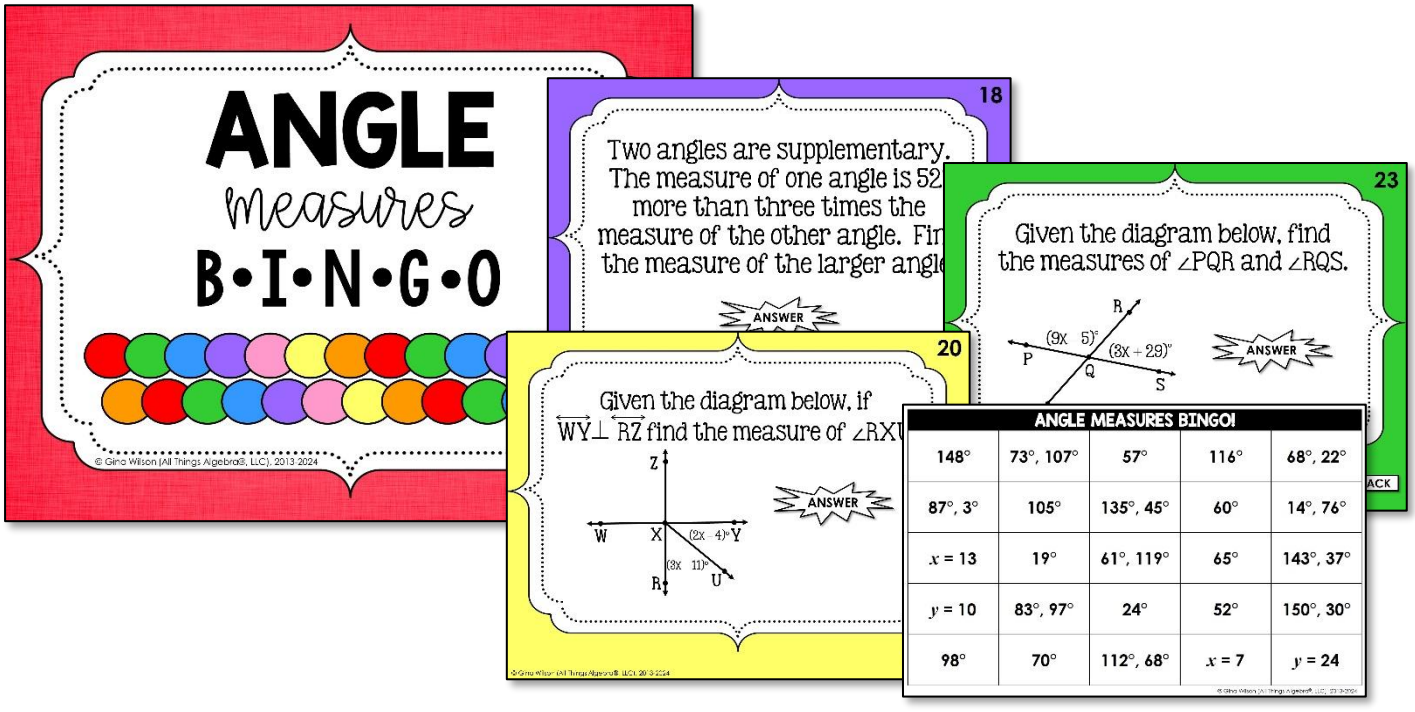
Directions:

1) Distribute a student recording worksheet and bingo board to each student. There are 30 boards included; if you have more than 30 students, simply repeat a board.

2) Open the PowerPoint game to run. Click on any circle to choose a problem. Students love coming up to the board (or computer) to select a problem, too! Students solve the problem at their desk on their worksheet. You can also choose to work through the problems with the students as they come up, or choose a student to work the problem at the board while the other students work at their desk.

3) Click "Answer" to display the answer. Students look for this answer on their bingo board and cross it off. Click back to return to the bingo circles screen and repeat until there is a winner. There are only 20 problems on the worksheet because there is almost always a winner by this point. If you need to keep going, they can continue their work on a separate sheet of notebook paper. I play until there are multiple winners.

A student wins if they get 5 in a row, column, or diagonal. I typically awarded lollipops ☺.



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