

Name that Rule! – Station

Each Kingdom (group) shares one calculator for this activity.

THE RULER:

- I. Draw an equation card and hide it from your Subjects.
- II. Press the “table” key on the calculator.
- III. Enter the equation into the calculator and press “enter.” Choose “Ask- x ” using the arrows as needed and pressing “enter” until “OK.”
- IV. Share the calculator and table with your Subjects.

THE SUBJECTS:

- I. Take turns entering values for x and considering the relationship to the resulting y .
- II. On your turn, you may guess the equation. Other Subjects may challenge this equation, and the guessing Subject may defend its equivalence.
- III. The winner becomes the next Ruler.

Cards: Level A (blue), Level B (yellow), Level C (green)

$$y = x + 5$$

$$y = x - 3$$

$$y = x + 8$$

$$y = x - 1$$

$$y = x + 2$$

$$y = x + x$$

$$y = x + 10$$

$$y = x - 2$$

$$y = x + 4$$

$$y = x + 7$$

$$y = x + 20$$

$$y = x - 5$$

$$y = 2x$$

$$y = 5x$$

$$y = 3x$$

$$y = x + x$$

$$y = 10x$$

$$y = 4x$$

$$y = 6x$$

$$y = 9x$$

$$y = 2x + 3$$

$$y = 3x + 5$$

$$y = 2x - 1$$

$$y = 5x + 2$$

$$y = 3x + 1$$

$$y = 10x - 3$$

$$y = 4x - 7$$

$$y = 2x + 9$$

$$y = 6x + 1$$

$$y = 9x + 4$$

