

Function Placemats

Name(s)

Write you group names here.

Purpose and Instructions

This activity is intended to review properties of functions, including:

- whether a relation gives a function;
- whether a function is even, odd, or neither;
- values of functions at particular points in the domain;
- domain and range;
- multiple representations of functions;
- whether a function is one-to-one.

You will find a set of placemats and words that describe what is given in each space on the placemat. Work together in your group to place each card in an applicable position on the placemats. Each card will be used once and only once. There are some cards that will appear more than once. This means, for example, that there are multiple function where $f(1) = 2$."

Leading Questions and General Ideas

1. What was your strategy for placing the cards on the placemats?
2. Which cards were easiest for you to place and why?
3. Which cards where hardest for you to place, and why?
4. What questions do you have after completing this activity?