 Name_____

Discrete Relations

Date_____ Period____

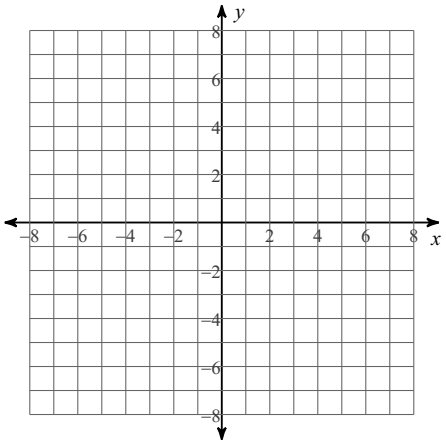
Each set of ordered pairs represents a relation. Represent the relation as a table.

1) {(−7, 1), (−3, 0), (−2, −1), (4, 7), (6, 4)}

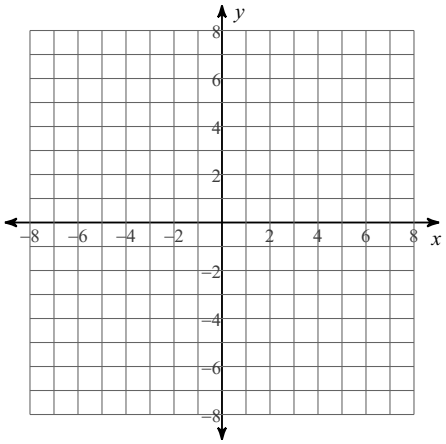
2) {(−1, −2), (0, −3), (0, 2), (6, −2), (7, −7)}

Each set of ordered pairs represents a relation. Represent the relation as a graph.

3) {(−3, −6), (−1, 6), (0, 4), (5, 3), (7, 1)}



4) {(−2, 7), (0, 1), (3, −7), (7, −2), (7, 0)}



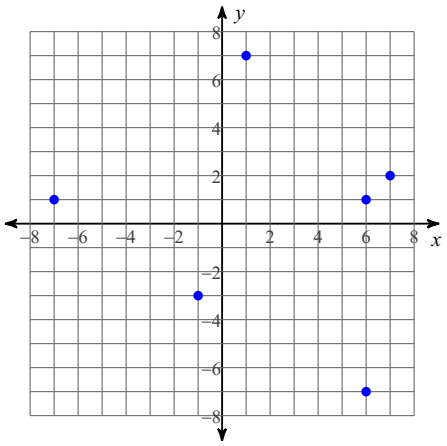
Each set of ordered pairs represents a relation. Represent the relation as a mapping diagram.

5) {(−6, −7), (−6, 3), (0, −7), (3, −4), (5, 6)}

6) {(−6, 7), (−5, 6), (3, 5), (3, −4), (6, 4)}

Each graph represents a relation. Represent the relation as a table, a set of ordered pairs, and a mapping diagram. Then determine the domain/range and if the relation is a function.

7)



8)