

A.18 The student will analyze a relation to determine whether a direct or inverse variation exists and represent it algebraically and graphically, if possible.

1. Which description fits the variation exhibited by the relation $\{(-2, 2), (-1, 0.5), (0, 0), (1, 0.5), (2, 2)\}$?
 - a. y varies directly as x , with constant of variation = -1.
 - b. x varies directly as y , with constant of variation = -0.5.
 - c. y varies inversely as x , with constant of variation = -0.5.
 - d. y varies directly as the square of x , with constant of variation = 0.5.