

Relations and Functions

Do all work on notebook paper. All work should be neat and organized.

Write the following sets as sets of ordered pairs and identify the domain and range.

1. $V = \left\{ (x, y) : y = -2x + 7, x = -5, 0, 2, 1, \frac{3}{2} \right\}$

3. $X = \left\{ (x, y) : y = \sqrt{2x-1}, x = 1, 3, 5, \frac{1}{2} \right\}$

2. $Z = \{(x, y) : y = |x| + 3, x = -2, 0, 2\}$

Determine the domain and range of each relation whose graph is given. Determine which of the following are graphs of functions.





