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Algebra / Domain and range from ordered pairs

Relation - any set of ordered pairs

Ex. (x, y) (last name, test score)
(Smith, 92)

Function - for every x , there is exactly one y

Domain - 1st (x, y) Range - 2nd
Domain: x Range: y

$T = \{ (4, -2), (-5, -5), (-2, 4), (0, 8) \}$

(x) Domain: $\{ 4, -5, -2, 0 \}$

(y) Range: $\{ -2, -5, 4, 8 \}$

$H = \{ (2, 0), (8, 0), (7, 0) \}$

Domain: $\{ 2, 8, 7 \}$

Range: $\{ 0, 0 \}$