

Lesson 4-1

Continuous and Discrete Functions

Set 4-1a

Determine whether the function is continuous or discrete:

- 1) $f(x) = 3x - 3$

- 2) $G(x) = 4x + 7$, where x is only integers

- 3) $y = -x + 5$, where x is all real numbers

- 4) $2x + 3y = 4$, where x is only rational numbers

- 5) Sofia works for \$12 per hour; her pay is rounded to the nearest $\frac{1}{2}$ hour.