



amount of water in gallons

time in minutes

$a(x)$

$d(x)$

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$
$$= \frac{0 - 28000}{20 - 0}$$
$$= \frac{-28000}{20}$$

$(10, 14000)$

$x_2 = 20$
 (2010)

$(0, 28000)$