

Jan 30-4:12 PM


| Practice | Identify a Linear Relation |  |  |
| :---: | :---: | :---: | :---: |
| Which relation is linear? |  |  |  |
| Time (years) | Value (\$) | Time (h) | Cost (\$) |
| 0 | 24000 | 0 | 75 |
| 1 | 20400 | 1 | 125 |
| 2 | 17340 | 2 | 175 |
| 3 | 14739 | 3 | 225 |

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Determining Rate of Change of a linear Relation from its graph.

a) Determine the independent variable $t$ (time)
b) Determine the dependent variable

## $L$ (Volunse)

c) Determine the rate or change

$$
\frac{-2000}{20}=-100
$$

d) Determine the constant
e) Write the equation of the line $L=-100 t+6000$

## 6000

Practice
Determining Rate of Change of a linear Relation from its graph.

Graph A
Filling a Hot Tub

d) Determine the constant 0
a) Determine the independent variable $t$
b) Determine the dependent variable

L
c) Determine the rate or change

$$
\frac{400}{20}=20
$$

e) Write the equation of the line $L=20 t$


## Textbook Questions:

Page 308 \# 3,4,5,14, 15

