

Ryan OZsvath

MATH HW #3

- 1) 4,000 raise every year
38,000 a year
 $t = \text{years}$
 $D = \text{Annual pay}$

$$D(t) = t(4,000) + D$$

- 2) 6,000 raise a year
32,000 a year
 $y = \text{annual pay } t = \text{years}$

$$y(t) = t(6,000) + D$$

3) 38,000	1st	32,000
42,000	2nd ¹⁸	38,000
46,000	3rd ¹⁹	44,000
50,000	4th ²⁰	50,000
54,000	5th ²¹	56,000

$$D(t) = 4(4,000) + 38,000$$

$$D(t) = 16,000 + 38,000$$

$$D(t) = 54,000$$

$$y(t) = 4(6,000) + 32,000$$

$$y(t) = 24,000 + 32,000$$

$$y(t) = 56,000$$

2,021

Justin Zagal
Math Hw #3

March 7th

Dash inc

- 1) 38,000 a year 4,000 raise every year
D = annual pay t = years

$$D(t) = t(4,000) + D$$

- 2) Yeczus: 32,000 a year 6,000 raise a year
Y = annual pay t = years

$$Y(t) = t(6,000) + D$$

- 3)
- | | | |
|--------|-----------------|--------|
| 38,000 | 1 st | 32,000 |
| 42,000 | 2 nd | 38,000 |
| 46,000 | 3 rd | 44,000 |
| 50,000 | 4 th | 50,000 |
| 54,000 | 5 th | 56,000 |

2021

$$D(t) = 4(4,000) + 38,000$$

$$D(t) = 16,000 + 38,000$$

$$D(t) = 54,000$$

$$Y(t) = 4(6,000) + 32,000$$

$$Y(t) = 24,000 + 32,000$$

$$Y(t) = 56,000$$