

2.1 #3

Interest 3%

Month	Money
0	50
1	51.50
2	53.05
3	54.64

+1.50

$$50 \times .03 = \$1.50$$

+1.55

$$51.50 \times .03 = 1.545$$

rounded: \$1.55

+1.59

$$53.05 \times .03 = 1.5915$$

rounded: \$1.59

NOT
arithmetic!

If I told you this is geometric, could you find the common ratio?

Explicit: $f(n) = \text{start} (\text{ratio})^n$

$$f(n) = 50 (\quad)^n$$

↑ something with 3%