

Practice Quiz- Writing Equations from Verbal Description, Graphs and Tables

Write an equation for each:

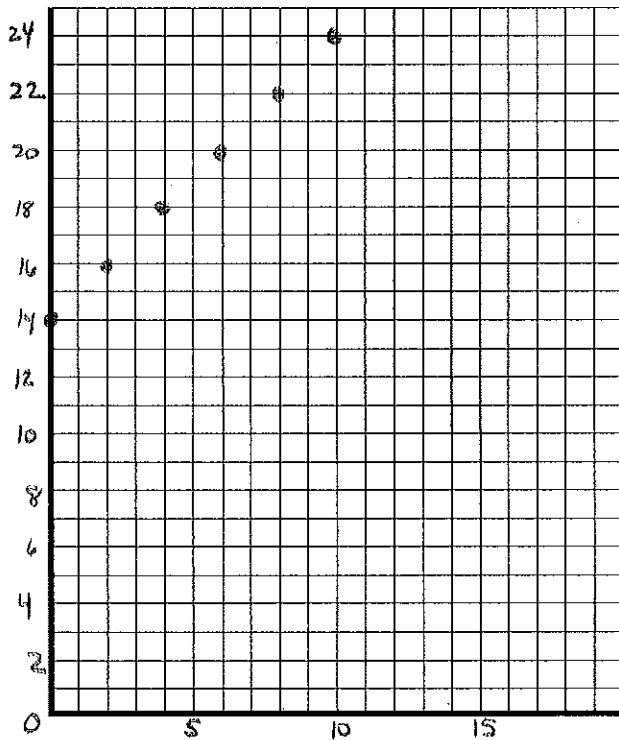
1. My Star Coffee gift card had \$40 on it. Each Cappa-frappa-tea I purchase is \$3. Write an equation to represent the relationship between the number of drinks x and the balance y on my card.

Initial value: _____ Rate of Change: _____ Equation: _____

2. Stan deposited \$12 into his piggy bank. He promised his mommy he would deposit \$2.50 each month. Write an equation to represent the relationship between the number of months x and the total amount of money y in the piggy bank.

Initial value: _____ Rate of Change: _____ Equation: _____

3. School Fundraising Project

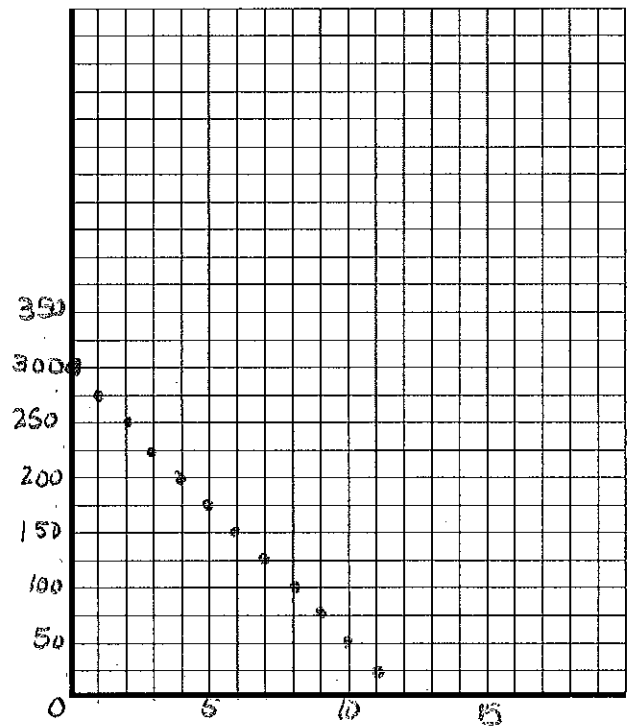


Initial value: _____

Rate of Change: _____

Equation: _____

4. Emptying a Pool



Initial value: _____

Rate of Change: _____

Equation: _____

5. Sky Diver Jumping

# of seconds	10	20	40	50
altitude (height)	650	500	200	50

Initial value: _____ Rate of Change: _____ Equation: _____

6. House Cleaning Service

# weeks	0	3	5	8
# of houses cleaned	22	37	47	62

Initial value: _____ Rate of Change: _____ Equation: _____

7. Cost of a IT Specialist

# of hours	2	3	5	6
total cost	65	75	95	105

Initial value: _____ Rate of Change: _____ Equation: _____

8. Candy Ms. Long Eats

# hours	0	6	10	12
total # of pieces	36	60	76	84

Initial value: _____ Rate of Change: _____ Equation: _____