

Name _____

Date: _____

Algebraic Relationships

Additive Relationship

$$y = x + a$$

Multiplicative Relationship

$$y = ax$$

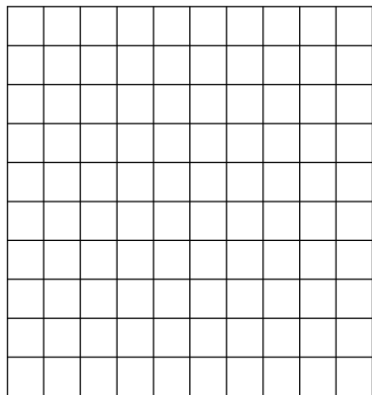
Real-World Situation

Ky is three years older than his sister Lu.

Real-World Situation

Jeff rents 2 movies per week.

Graph



Table

Lu's Age	Process	Ky's Age
1		
2		
3		
4		
5		
10		
L		K

Equation:

Table

Week	Process	Movies
1		
2		
3		
4		
5		
10		
w		m

Equation:

Graph

