

Writing rules for 2-list patterns

Connect

2, 6, 18, 54, 162, ...

I do

Kevin's Grade	Alice's Age
6	4
7	5
8	6
9	7
?	?
?	?
?	?

Kevin uses a pattern.
He predicts how old
his sister will be
during each of his
school grades.

What is the rule for Kevin's pattern?

We do

Jordan and Ethan sell popcorn for their Scout troop. The troop earns \$11 for every \$22 of popcorn sold.

Selling Price	Troop Earns
s	e
22	11
44	22
66	33
88	44

What is the rule?

**You do together
on whiteboard**

Every week, Ricardo adds \$5 to his savings goal.

Week W	Savings S
1	5
2	10
3	15
4	20

What is the rule connecting the week to Ricardo's savings amount?

**You do alone on
index card**

At a wedding, eight chairs fit at each table.

Tables T	Chairs C
1	8
2	16
3	24
4	32

What is the rule connecting the number of tables and chairs?