

**For 1–4, write a rule or set of rules for the Find a Rule cards.**

**1**

FRONT	BACK
3	6
4	8
5	10
7	14
9	18

**Answers may vary. Possible answer: Multiply by 2.**

**2**

FRONT	BACK
9, 3	6
11, 4	7
6, 0	6
7, 1	6
12, 2	10

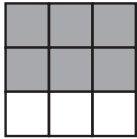
**Subtract the second number from the first number.**

**3**

FRONT	BACK
3, 2	8
4, 3	14
1, 6	8
10, 2	22
5, 1	7

**Multiply the two numbers on the front, and add 2.**

**4** Rule A names the shaded parts. Rule B names the total number of parts.

FRONT	BACK
	Rule A _____ Rule B _____

What is Rule A? **6**

What is Rule B? **9**

- 5 Draw the next figure that follows the pattern.



- 6 Write a rule for the shaded numbers.

50	51	52	53	54	55	56	57	58	59
40	41	42	43	44	45	46	47	48	49
30	31	32	33	34	35	36	37	38	39
20	21	22	23	24	25	26	27	28	29

**Possible answers: Add 9;**

**Subtract 9**

- 7 Miranda has 35 crayons. The crayons are in boxes of 7. How many boxes does she have?

**5 boxes**

- 8 Sharing Machine A shares cards equally between 2 people.

Input	Output
14 cards	7 cards
18 cards	9 cards
22 cards	11 cards
40 cards	20 cards

Write a division sentence to show what Sharing Machine A will do with 26 cards.

**$26 \div 2 = 13$**

- 9 Mr. Darnell walks for exercise. On the first day, he walks 3 blocks. On the second day, he walks 7 blocks. On the third day, he walks 11 blocks. If the pattern continues, on which day will Mr. Darnell walk 23 blocks?

**the sixth day**