

**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   |

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**2**

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

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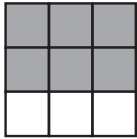
**3**

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

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

| FRONT  | BACK                             |
|--|----------------------------------|
|  | Rule A _____<br><br>Rule B _____ |

What is Rule A? \_\_\_\_\_

What is Rule B? \_\_\_\_\_

- 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 |

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

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- 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.

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- 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?

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