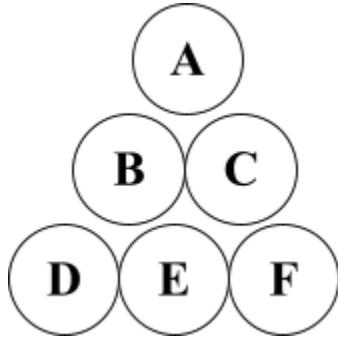
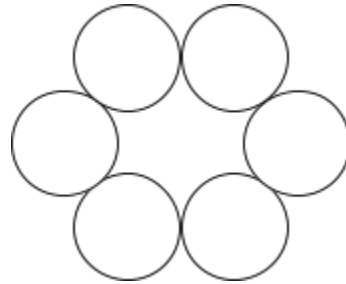


Problem of the Week #15: Moving Circles



Picture 1



Picture 2

The figure shown in Picture 1 was made out of 6 identical circles. Some of the circles were moved to make the arrangement in Picture 2.

- What is the least number of circles you need to move to make the arrangement shown in Picture 2?
- Which circles would you move to make picture 2? Show your moves.
- **Challenge:** How many different ways can you make Picture 2 (moving the fewest circles)?

Show your thinking using pictures, words, or numbers. Label each circle in Picture 2 with a corresponding letter from Picture 1.

Name: _____ Class: _____
First and last name, please. Due: May 5, 2022