

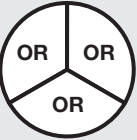
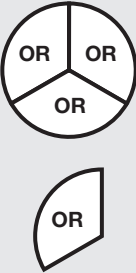
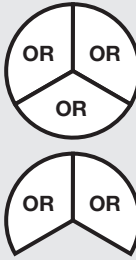
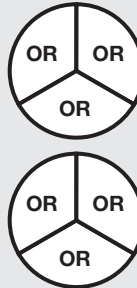


Fraction Cover-Up 1

- Complete Table 1. For each number of orange pieces, find the number of aqua pieces needed to cover the orange pieces. Record the numbers in the table. Write a fraction comparing the number of orange pieces to aqua pieces. The first two columns are examples.

TABLE 1

						
Number of Orange Pieces	1	2	3	4	5	6
Number of Aqua Pieces	2	4				
Fraction: Number of Orange Number of Aqua	$\frac{1}{2}$	$\frac{2}{4}$				

Discuss Questions 2–4 with a partner.

- What is the relationship between the numerator and denominator for each fraction?
- Are all the fractions equivalent? Explain your answer.
- Which fraction is the simplest? Why do you think so?

Discuss Questions 5–10 with a partner. Write your answers in the spaces.

5. It takes _____ orange piece(s) to cover _____ aqua piece(s).

6. It takes _____ orange piece(s) to cover two aqua pieces.

A **ratio** is a comparison of two quantities. One way to write a ratio is as a fraction.

7. Write a ratio of the number of orange pieces to the number of aqua pieces needed to cover the same area.

$$\frac{\square}{\square} \quad \frac{\text{orange pieces}}{\text{aqua pieces}}$$

8. Write a ratio of the number of aqua pieces to the number of orange pieces needed to cover the same area.

$$\frac{\square}{\square} \quad \frac{\text{aqua pieces}}{\text{orange pieces}}$$

9. Write the simplest ratio of aqua pieces to orange pieces.

$$\frac{\square}{\square} \quad \frac{\text{aqua pieces}}{\text{orange pieces}}$$

10. Write the simplest ratio of orange pieces to aqua pieces.

$$\frac{\square}{\square} \quad \frac{\text{orange pieces}}{\text{aqua pieces}}$$