## Activity 3: What Are Equivalent Ratios?

The ratios  and are **equivalent ratios**.

1. Is the ratio equivalent to these? Explain your reasoning.
2. Is the ratio equivalent to these? Explain your reasoning.
3. Give two more examples of ratios that are equivalent to .
4. How do you know when ratios are equivalent and when they are *not* equivalent?
5. Write a definition of *equivalent ratios*.

* Pause here so your teacher can review your work and assign you a ratio to use for your visual display.

1. Create a visual display that includes:
   * the title “Equivalent Ratios”
   * your best definition of *equivalent ratios*
   * the ratio your teacher assigned to you
   * at least two examples of ratios that are equivalent to your assigned ratio
   * an explanation of how you know these examples are equivalent
   * at least one example of a ratio that is *not* equivalent to your assigned ratio
   * an explanation of how you know this example is *not* equivalent

* Be prepared to share your display with the class.



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