Activity

* Look at the diagram on the right.
* What fraction of the rectangle is shaded?
* Make two copies of the diagram.
* On one of your diagrams, draw three lines which split the rectangle into four equal sections. What fraction does your diagram show now? Is this the only answer?
* On your second diagram find another way to split the rectangle that represents a different fraction.

*These fractions must be equal to each other because the same amount is shaded in each diagram*

* By adding lines to this rectangle find three fractions that can be represented by the diagram.

*Fractions that are equal to each other are called equivalent fractions*

Questions

* Draw diagrams to represent  and . Are  and  equivalent fractions?
* Repeat the previous question for and .
* Is  equivalent to ? Explain your answer.
* Are  and  equivalent?



Time to Spare?

* Find the missing numbers in the following questions:

1. 
2. 
3. 
4. 

* Find three fractions that are equivalent to .
* Find three fractions that are equivalent to .