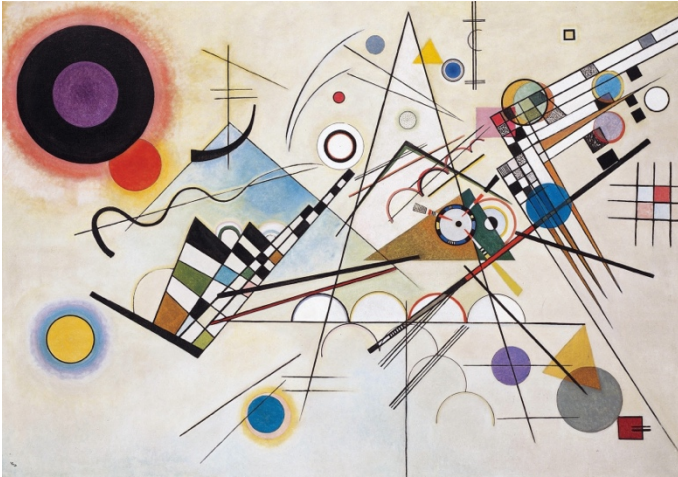


Name: _____

Parallel Segments



Wassily Kandinsky, *Composition VIII*, 1923



Rangoli art

1. In Kandinsky's *Composition VIII* and the Rangoli art shown above, there are many pairs of parallel segments. Find as many pairs of parallel segments as you can.

Number of pairs in the Kandinsky painting (left):

Number of pairs in the Rangoli art (right):

2. How can you tell if they are parallel?
3. Describe how the distance between two lines can be used to determine whether or not they are parallel.
4. Can lines be described as parallel just because they look parallel? Explain.

Research parallel lines and the symbol mathematicians use to indicate lines that are parallel.