

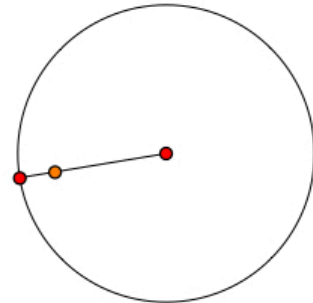


Web Sketchpad



# Tools for Young Mathematicians: Simple Yet Powerful Web-Based Technology

Daniel Scher: [dscher@kcptech.com](mailto:dscher@kcptech.com)  
Scott Steketeer:



Animate

Erase Traces

## What You'll Do

- ⇒ Build your own arrays to explore factors.
- ⇒ Build fractions using an area model.
- ⇒ Build fractions using a number-line model.
- ⇒ Build tessellations with regular polygons.
- ⇒ Build and animate simple geometric constructions.
- ⇒ Discuss how these tools might be used with your students.
- ⇒ Brainstorm ideas for other tools you might like.

# Our Software Goals

Give students access to tools that promote...

- ⇒ mathematical play
- ⇒ exploration (through ease of construction)
- ⇒ the posing of mathematical questions and wonderings by the students
- ⇒ student "expressivity"
- ⇒ re-use across grade levels
- ⇒ moments of delight

## Information

The tools we're using in today's session: <http://ow.ly/10gFfV>

25+ free Web Sketchpad activities: <http://ow.ly/108AXp>

Our blog: <http://blog.keycurriculum.com>

Daniel's email: [dscher@kcptech.com](mailto:dscher@kcptech.com)