**Finding Area Applet**

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| **Which standard? (from PSSM)*** **Analyze characteristics**
* Specify locations
* Apply Transformations
* **Use Visualization**
 | \* | *Rationale*:  |
| **What mathematical content is being learned (or intended to be learned)?*** Whole numbers
* Place value
* Fractions
* Addition
* Subtraction
* Multiplication
* Division
 | \* | *Rationale*:  |
| **Is the focus on instrumental or relational understanding?*** instrumental understanding (carrying out procedures)
* relational understanding (understanding the meaning of mathematical words and symbols; connections among ideas)
 | \* | *Rationale*:  |
| **What role does technology play?** | \* | *Response*:  |
| **What instructional function(s) does the resource serve?*** practice (i.e., practicing skills or knowledge already learned)
* direct instruction/explanation (i.e., explaining or presenting content to students)
* learning through exploration (i.e., provides context in which students can see new relationships; come to new understandings)
 | \* | *Rationale*:  |
| **What kinds of representations of the mathematics are used?*** symbolic (i.e., numerals, symbols)
* graphical (i.e., standard graphical notation such as Cartesian (X-Y) coordinate system, bar graph, pie chart)
* visual/spatial (e.g., circles or squares with lines to show fractions)
* concrete or real-world objects (e.g., images of base-10 blocks, puppies, or jars)
* dynamic (mathematical ideas represented through motion or sound)
 | \* | *Rationale*:  |