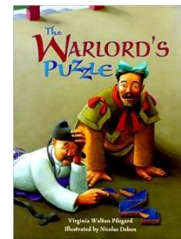


# The Warlord's Puzzle



**Materials:** copy of *The Warlord's Puzzle* by Virginia Pilegard, tangram

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1. Work with a partner. Solve the “broken tile puzzle” by using all seven tangram pieces to construct a square. Record your work.
2. What fraction of the whole does each piece of the square represent? Draw and label the different size pieces. Justify your thinking in writing.
3. Change the value of one. If the parallelogram has the value of one whole, what is the fractional value of each of the other pieces? Explain your thinking.

