

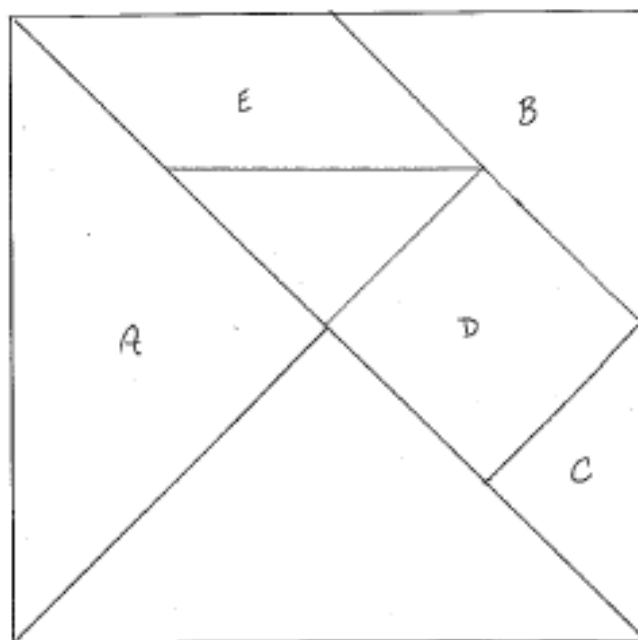
Name: _____

Key

The Warlord's Puzzle

by Virginia Walton Pilegard

Fix the Warlord's broken tile and trace your solution here.



If the completed puzzle has a value of one (1), what is the fractional value of each piece?

Explain your thinking. Use the back of this sheet if needed.

A - large Δ = $\frac{1}{4}$ because 4 make the whole square



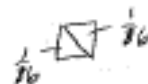
B - med. Δ = $\frac{1}{8}$ because 2 make the large triangle
so 8 make the square



C - sm Δ = $\frac{1}{16}$ because 4 make the large triangle
so $4 \times 4 = 16$ and so 1 is $\frac{1}{16}$



D - sm \square = $\frac{1}{8}$ or $\frac{2}{16}$ because 2 sm Δ make the square



E - parallelogram = $\frac{1}{8}$ or $\frac{2}{16}$ because 2 sm Δ make the paral.

