

Name:

ANSWERS!

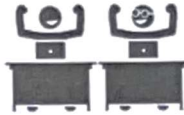
Class:



Communication



Successful Partnership



Encouragement



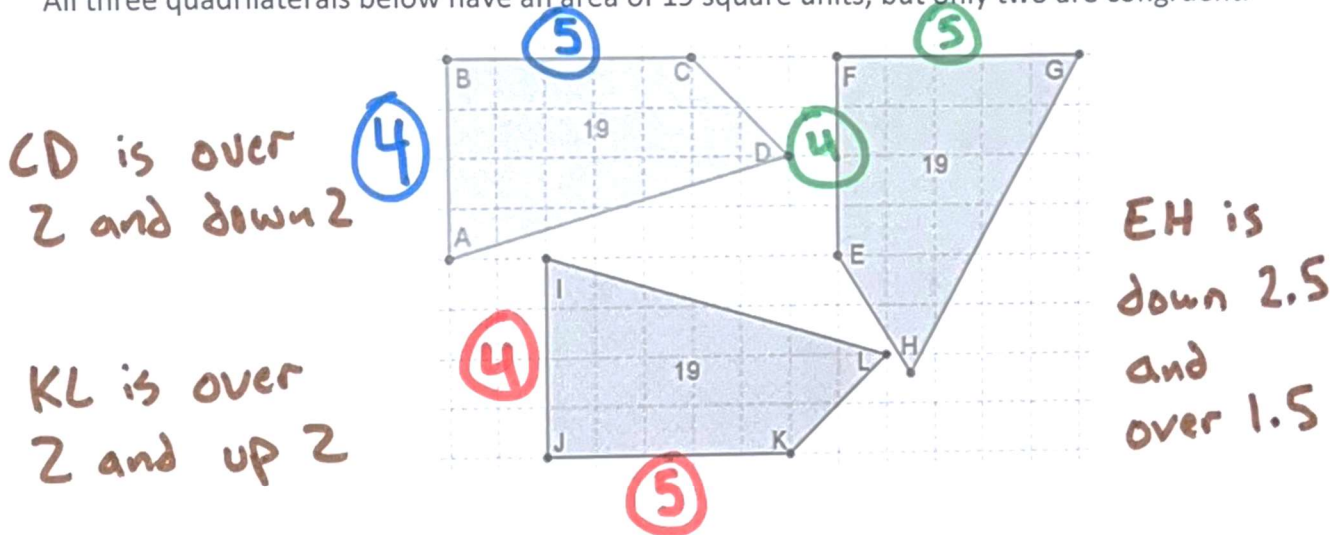
Solving Problem Together



Collaboration

Question 01

All three quadrilaterals below have an area of 19 square units, but only two are congruent.



Name the quadrilateral that is congruent to quadrilateral ABCD.

(Remember, order matters in naming!)

Quadrilateral IJKL

What side length is congruent to side length AD?

IL

What side length is congruent to side length CD?

KL

What angle is congruent to angle A?

I

What angle is congruent to angle C?

K

Question 02

Given that quadrilateral $QRST \cong$ quadrilateral $WXYZ$, answer the questions below:

What side length is congruent to side length QR? WX

What side length is congruent to side length ST? YZ

What angle is congruent to angle R? X

What angle is congruent to angle S? Y

Do the two figures have the same area? $yes!$

Do the two figures have the same perimeter? $yes!$

Could you map one figure on to the other with some series of translations, reflections and/or rotations? $yes!$