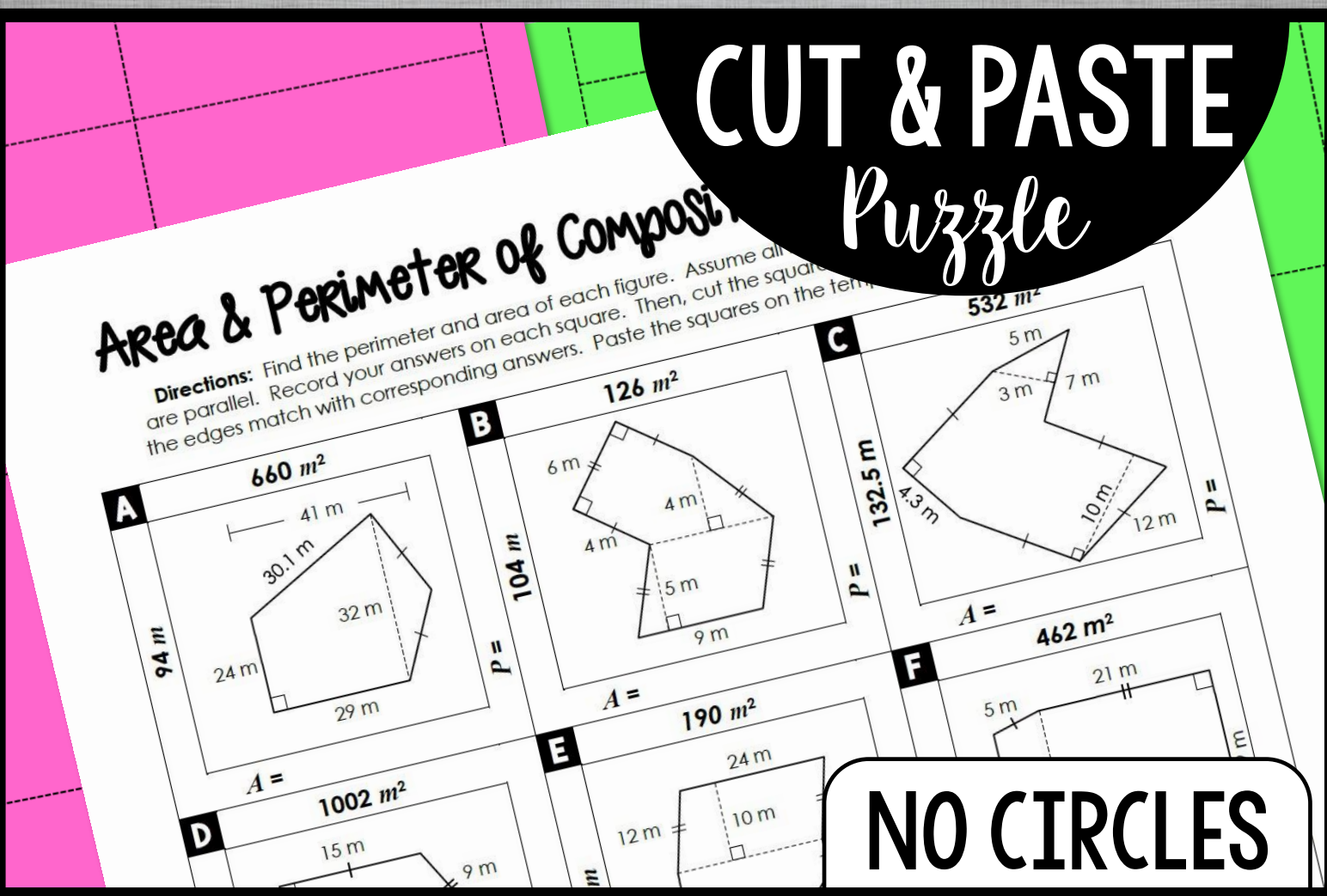

Area & Perimeter of COMPOSITE FIGURES

Created by: ALL THINGS ALGEBRA®

AREA & PERIMETER OF COMPOSITE FIGURES

Cut & Paste Puzzle!

Objective: Students will practice finding the area and perimeter of composite figures. All figures can be divided into squares, rectangles, parallelograms, triangles, and trapezoids. Click here for a version of the puzzle that includes circles.

Directions:

1) Copy enough puzzles and blank templates for each student. I typically put the problems on white paper and the template in color. This is optional and only makes it pop!

2) On a separate sheet of paper, students begin finding the area and circumference of each figure. Each box is lettered so it makes it easy for students to organize their work. As they do this, I encourage them to record their answers in the boxes.

3) After solving, they cut out the squares and begin arranging them so the edges meet. If they need some help with this, remind them that the box letters must face up. For even more help, I sometimes tell them which box goes in the upper left corner to get them started.

4) Once they have the squares arranged, they can paste them down on the template. I have my students staple their work to their puzzle and I collect as a classwork grade. Using the box letters makes it very easy to grade!