

Area and Perimeter of Rectangles Menu Task:

Build as *few* rectangles as possible to satisfy each constraint at least once.

The rectangles do not need to be drawn to scale.

A.	The area is more than 50cm^2	B.	The perimeter is a multiple of 3
C.	The area and perimeter are both even numbers	D.	Both side lengths are odd numbers
E.	One side length is double the other side length	F.	The perimeter is more than 24 cm
G.	The perimeter is bigger than the area	H.	The area is a multiple of 3

Which constraints pair nicely?

Which constraints cannot be paired?

Is it possible to solve in 2, 3, or 4 rectangles?

Describe how and why you built each rectangle.

Be sure to identify which rectangles satisfy which constraints.

