K Finding Medians ◼N ◼

Here is Jackie's data for a paper towel experiment. She dropped water on one sheet each of three different brands of paper towels (Ecotowel, Cheap-O, and Handy). She dropped three drops of water on each towel. The water spread out and made a spot. Jackie then measured the area of each spot of water in square centimeters.

T Type of Towel	A Area (in sq cm)			
	Trial 1	Trial 2	Trial 3	Median
Ecotowel	23 sq cm	20 sq cm	21 sq cm	
Cheap-O	37 sq cm	36 sq cm	41 sq cm	
Handy	11 sq cm	10 sq cm	12 sq cm	

Find the median area for each type of towel and write it in the table.

L Number Riddle ◼N ◼

I am a square number less than 100.

I am a multiple of 2, but I am not a multiple of 8.

2 is not my only prime factor.

What number am I?

Explain your strategy.