

PRESENTATION TOPICS - SET 7

Your name:

This week's topics have to do with the Fibonacci numbers. Choose and solve 1 or 2.

1. Find what *Proof by mathematical induction* means and explain it in your own words. Then use this kind of proof to show that every 5th Fibonacci number is divisible by 5.
2. Find 6 examples of happenings of the Fibonacci numbers or Golden Ratio in nature or art. The ones already mentioned in *Coincidences, chaos, and...* do not count.

Please grade the Mathematical Induction presentation.

Gained information: 1 2 3 4 5

Easy to follow? 1 2 3 4 5 (1=No, 5=Yes)

Please grade the Pythagorean Squares presentation.

Gained information: 1 2 3 4 5

Easy to follow? 1 2 3 4 5 (1=No, 5=Yes)