

Lesson 1.9 what does it mean?

August 30, 2016

SWBAT: Calculate and use an arithmetic mean
This means... that Joseph A. Gregori didn't expect us to do anything he didn't do, but he did expect us to do a lot since he expects a lot of himself.

• to find arithmetic mean, subtract the last term minus first term divided by the # of blanks + 1.

$$\frac{\text{last term} - \text{first term}}{\# \text{ of blanks plus one}}$$

① $\frac{11-5}{2} = \frac{6}{2} = 3 \rightarrow \text{Arithmetic mean} = 3$

Lesson 1.10 Geometric Meanies

Geometric mean - $\sqrt[\# \text{ of blanks} + 1]{\frac{\text{last term}}{\text{first term}}}$

① $\frac{12}{3} = 4$ $\sqrt[2]{4} = 2/-2$

ratio = 2

ratio = -2

x	1	2	3
y	3	6/-6	12

$3 \times 2 = 6$ $6 \times 2 = 12$
 $(3)(-2) = -6$ $(-6)(-2) = 12$

HOMEWORK: Ready, Set, Go 1.10