M1

Solve the system of equations

$$\begin{cases} x - y = -5 \\ 2x + y = -7 \end{cases} \tag{1}$$

M2

Solve the inequality

$$-x + \frac{1}{2} \geq 6 \tag{2}$$

M3

Janette invested \$1000 at 10% annually for 2 years. How much interest did she earn at the end of the 2 year period?

L1

How many zeros are there at the end of the number $2^2 \cdot 4^4 \cdot 5^5 \cdot 7^7$?

L2

Two men catch two fishes in 2 minutes. At this rate, how many men are needed to catch 500 fishes in 500 minutes?

L3

There are 3 coins on the table: gold, silver, and bronze. If you make a true statement, you will get one coin. If you make a false statement, you will get nothing. What sentence can guarantee you getting the gold coin?

P1*

Given an array A of n integers. Find the average of the elements.