

My Group _____

Pass the problem : Each person must complete all of the problems and after 4 minutes, you will pass the problem to the next person to determine whether their mathematics is correct.

<p>Problem 1 $a_2 = 120000, a_5 = 50625$ This is a geometric sequence Find a_n</p>	<p>Problem 2 Given sequence {1600,1500,1400,1300,1200,1100} Find S_{20}</p>
<p>Problem 3 Given sequence {2400,-3600,5400,-8100} Find a_{10}</p>	<p>Problem 4 $256+248+240+232+224+\dots+184+176$ Determine the number of terms in this series</p>
<p>Problem 5 Determine the number of terms in the sequence $250+255+260+265+\dots+a_n = 12150$</p>	

Problem 6

Failure to SHOW WORK will result in no credit

Determine the following sum

$$\sum_{101}^{200} 10 + (n-1)(5)$$

Problem 7

Failure to SHOW WORK will result in no credit

Determine the following sum

$$\sum_1^{\infty} 12 \left(\frac{7}{16} \right)^{n-1}$$

Problem 8

Failure to SHOW WORK will result in no credit

Determine the following sum

$$\sum_8^{19} 5(-2)^{n-1}$$