

Grade 8 Math – Graphing Number Sequences 2

Name: _____ Class: _____

Given this sequence/series:

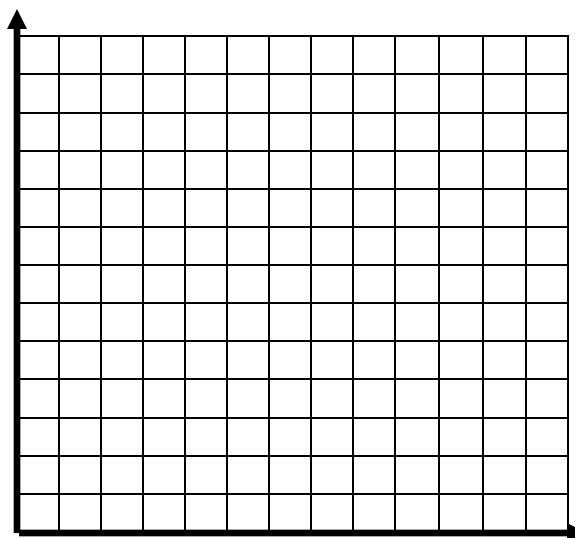
-87, -71, -55, -39, -23, ____, ____, ____

#1 What is the pattern?

#2 Make a Term/Term Value T-Chart -

Term n	Term Value V_n
n	$V_n =$

#3 Plot the points on the following grid



What is the constant in this pattern?

What is the variable in this pattern?

What is the term value for the 100th term?

What term has a term value of 153?

Given this sequence/series:

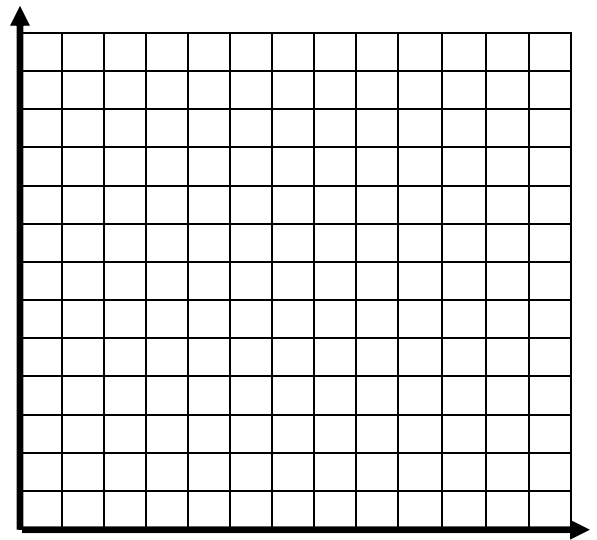
12, -12, -36, -60, -84, ____, ____

#1 What is the pattern?

#2 Make a Term/Term Value T-Chart -

Term	n	Term Value V_n
	n	$V_n =$

#3 Plot the points on the following grid



What is the constant in this pattern?

What is the variable in this pattern?

What is the term value for the 12th term?

What term has a term value of - 564?