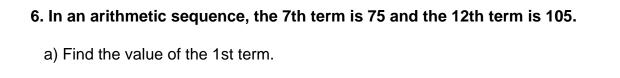
Arithmetic Sequences Practice Worksheet

Name:	Date:
1. Find the next two terms in each sequ	uence:
a) 2, 5, 8, 11,,	
b) 30, 25, 20, 15,,	
2. Identify the first term (a) and the cor	nmon difference (d):
a) Sequence: 4, 10, 16, 22,	
b) Sequence: 100, 90, 80, 70,	
3. Write a formula for the nth term (tn)	of each sequence and find the 10th term:
a) 3, 6, 9, 12,	
b) 20, 17, 14, 11,	
4. Solve: How many terms are in this a	rithmetic sequence?
First term: 7	
Common difference: 4	
Last term: 55	
5. The 4th term of a sequence is 22 and	d the 9th term is 42.
a) What is the common difference?	
b) What is the first term?	
c) What is the formula for tn?	



- b) What is the value of the 20th term?
- c) How many terms are in the sequence if the last term is 180?