Homework-Maths-Grade 5-Week 3

Name:_____ Class:_____

Unit 2 Number patterns and algebra

Sequences

A sequence is a list of numbers that usually have a pattern. Each number in the sequence is called a term.
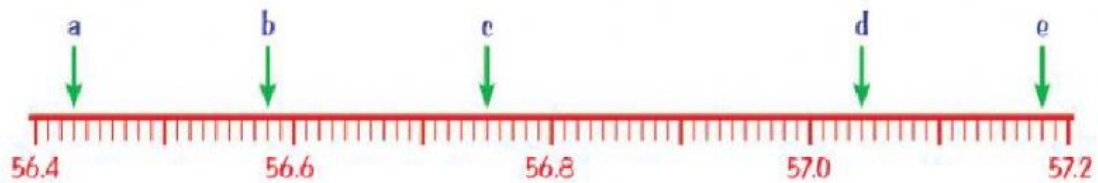You can often find the pattern or rule in a sequence. Look at the difference between the numbers.
What is the next number in this sequence?

1420   1427   1434   1441   1448   [   ]

Each number is 7 more than the previous number. So the next number is 1455. The rule is 'add 7'.

3 Write the number shown by each arrow.

a   b   c   d   e

56.4   56.6   56.8   57.0   57.2

4 In these sequences, each number is double the previous number. Write the missing numbers.

a) [   ] [   ]   8   16   32   [   ] [   ]

b) [   ] [   ]   44   88   176 [   ] [   ]

c) [   ] [   ]   10   20   40 [   ] [   ]

d) [   ] [   ]   30   60   120 [   ] [   ]