

Guided Learning Task 1 (Answer the questions).

a) What number is here?

This is the starting number for questions b to d.

millions		thousands				ones		
units of millions		hundreds of thousands	tens of thousands	units of thousands		hundreds	tens	units
●		●	●	●		●	●	●
●		●		●		●	●	●
●		●		●		●	●	●
		●				●	●	●
		●				●	●	●

b)
 Starting number +1,000 +1,000 +1,000 +1,000

c)
 Starting number +100 +100 +100 +100

d)
 Starting number - 10,000 - 10,000 - 10,000 - 10,000

Guided Learning Task 2 (Answer the questions).

e)
 Starting number + 0.02 + 0.02 + 0.02 + 0.02

f)
 Starting number - 3,000 - 3,000 - 3,000 - 3,000

g)
 Starting number - 0.005 - 0.005 - 0.005 - 0.005

h) What is the rule for this sequence?

- (689,255) (701,255) (713,255) (725,255) (737,255)

Which pair of numbers did you use to identify the step size? Why?

Independent Learning Tasks

i)	787,400 Starting number	 + 100,000	 + 100,000	 + 100,000	 + 100,000
j)	8.352 Starting number	 - 0.1	 - 0.1	 - 0.1	 - 0.1
k)	56,352 Starting number	 - 1,100	 - 1,100	 - 1,100	 - 1,100
l)	23.656 Starting number	 +1.2	 +1.2	 +1.2	 +1.2

m) Fill in the blanks in this counting sequence:

	135,222	128,222			
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n) Fill in the blanks in this counting sequence:

	14.5		14.9		
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o) Fill in the blanks in this counting sequence:

	43,100			44,000	
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p) The numbers in this sequence increase by 7 each time.

1 8 15 22 29

The sequence continues in the same way.

Will the number 777 be in the sequence? _____

Explain how you know.
