

# WALT: Count in 10s, 100s, 1000s, 10,000s, 100,000s

## Problem solving/Reasoning

**9.** Complete the sequences and describe what is happening.

a) 7, 17, , 37, 47, , 67

b) 109, , , 139, 149, , 169

c) 

475		675		875		
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d) 

6,300		8,300	9,300			
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e) 

6,300		6,280	6,270			
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**10.**

Here is part of a sequence.

... 7,450   7,550   7,650   7,750   7,850   7,950 ...

Circle all the numbers below that will appear in the sequence.

**7,505   9,150   6,050   7,591   16,500   155,250**

Explain your answer.

Write three other numbers that will also appear in the sequence.

**11.** Circle and correct the mistake in each sequence.

• 7,875, 8,875, 9,875, 11,875, 12,875, 13,875, ...

• 864,664, 764,664, 664,664, 554,664, 444,664, ...

**12.** Amir writes the first five numbers of a sequence.

They are  
3,666, 4,666, 5,666, 6,666, 7,666

The 10<sup>th</sup> term will be 15,322 because I will double the 5<sup>th</sup> term.



Is he correct?  
Explain why.

**13.**

I am counting up in 10s from 184  
I will include 224

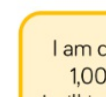


Mo



Rosie

I am counting up in 100s from 604  
I will include 1,040



Jack

I am counting up in 1,000s from 13  
I will include 130,000

Who has made a mistake?  
Identify anyone who has made a mistake and explain how you know.