

1)

Place Value Grid		Stem Sentence	Decimal
Ones	tenths	There are 0 ones and 4 tenths.	0.4
	○○○○		
Ones	tenths	There are 6 ones and 0 tenths.	6.0
○○○○○ ○○			
Ones	tenths	There are 8 ones and 8 tenths.	8.8
○○○○○ ○○○○○	○○○○○ ○○○○○		

2) a) 3.6

b) 1.4

c) 5

3) a)  $8 + 4 = 12$

Danka will therefore need 12 counters.

b)

Ones	tenths
○○○○○ ○○○○○	○○○○○

4)

Ones	tenths
○○○○○ ○○○○○ ○	○○○○○ ○○○○○

Oscar's number is 9.7.



1) 3 ones and 12 tenths represents 4.2 not 3.12. When you have more than 9 tenths, you need to regroup. 10 tenths are the same as 1.

2) a) A, B and D all represent 6.1. C is the odd one out because it represents 5.1.

b) You can make C into 6.1 by adding another counter.

3) You would need to add 5 more counters into the tenths column because 5 tenths add another 5 tenths makes ten tenths. Ten tenths is equivalent to one whole.  
 $0.5 + 0.5 = 1$

Ones	tenths
○○○○○	○○○○ ×××× ×××× ××××



Ones	tenths
	○○○○○ ○○○○○ ○○

=

Ones	tenths
○	

1) 0.8, 1.7, 2.6, 3.5, 4.4, 5.3, 6.2, 7.1, 8.0

2) 4.6, 3.7, 2.8, 1.9 and 1 (equal to ten tenths)

3) The answer is 1.9.

The method for solving problem:

Double 4.2 = 8.4

$8.4 - 7 = 1.4$

$1.4 + 0.5 = 1.9$

4) This is true. When regrouped, 23 tenths is the same as 2 ones and three tenths (2.3).

If you add 2.3 to 6, it makes 8.3. This proves that 8.3 is the same as six ones and twenty three tenths.

