

# PINK BELT

Level 0



PV

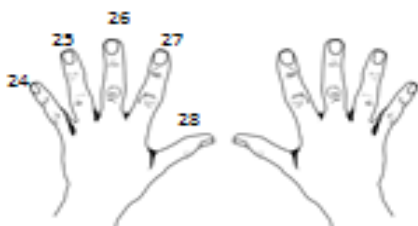
$$23 + 12 =$$

$$32 - 11 =$$

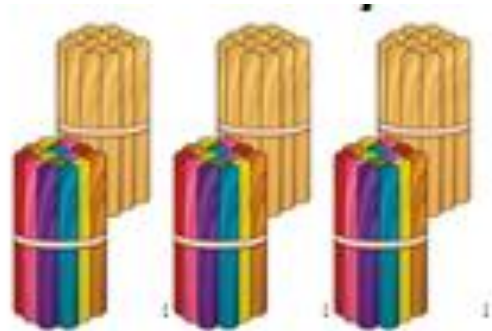
I CAN count on and back by ones

$$23 + 12 =$$

$$23 + \text{IIIIIIIIII} = 35$$



I CAN count by tens



10, 20, 30, 40, 50, 60

# ORANGE BELT

Level 1



PV

$$23 + 12 =$$

$$32 - 11 =$$

**I CAN count on & back by tens and ones using concrete materials**

$$23 + \begin{array}{c} \text{10} \\ \text{1} \\ \text{1} \end{array} = 35$$

**23, 33, 34, 35**

$$32 - \begin{array}{c} \text{10} \\ \text{1} \end{array} = 21$$

**32, 22, 21**

# RED BELT

Level 2



PV

$$73 + 21 =$$

$$56 - 32 =$$

$$67 + 34 =$$

$$43 - 27 =$$

I CAN use the split and jump methods to add and subtract 2 digit numbers

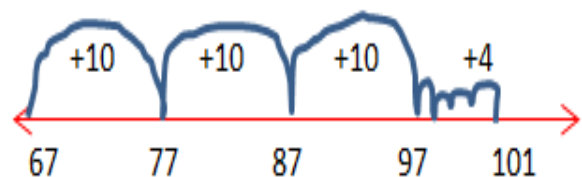
$$73 + 21 =$$

$$70 + 20 = 90$$

$$3 + 1 = 4$$

$$90 + 4 = 94$$

$$67 + 34 =$$



$$67 + 34 = 101$$

# PURPLE BELT

Level 3



PV

$$543 + 131 =$$

$$156 - 132 =$$

$$369 + 248 =$$

$$243 - 127 =$$

**I CAN use the split and jump methods to add and subtract 3 digit numbers**

$$156 - 132 =$$

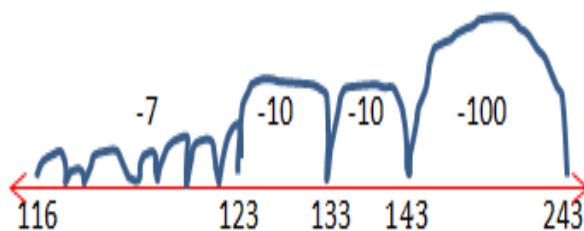
$$100 - 100 = 0$$

$$50 - 30 = 20$$

$$6 - 2 = 4$$

$$0 + 20 + 4 = 24$$

$$243 - 127 =$$



$$243 - 127 = 116$$

# GREEN BELT

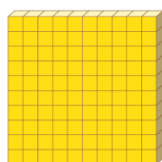
Level 4



PV

Which is larger  
0.7 or 0.65

I CAN use place value to read, compare, add  
and subtract decimals



Whole numbers are the biggest



A 10th is bigger than a 100th



A 100th is bigger than a 1000th

Tens	Ones	.	Tenths	Hundredths
	0	.	7	
	0	.	6	5

# BLACK BELT

Level 5



PV

$$3.5 \times 10 =$$
$$12.3 \times 100 =$$

$$27.1 \div 10 =$$
$$3 \div 100 =$$

**I CAN use place value to extend numbers in either direction of the decimal point**

**For  $\times$  move the decimal point to the right**



$$3.5 \times 10 = 35$$
$$12.3 \times 100 = 1230$$

**For  $\div$  move the decimal point to the left**



$$27.1 \div 10 = 2.71$$
$$3 \div 100 = 0.03$$

# → WHERE TO NOW?

## Converting between Units

**Length**    *mm*    *cm*    *m*    *km*

**Area**    *cm<sup>2</sup>*    *m<sup>2</sup>*    *km<sup>2</sup>*    *ha*

**Volume**    *cm<sup>3</sup>*    *m<sup>3</sup>*

**Capacity**    *cm<sup>3</sup>*    *m<sup>3</sup>*

**Mass**    *g*    *kg*    *t*

