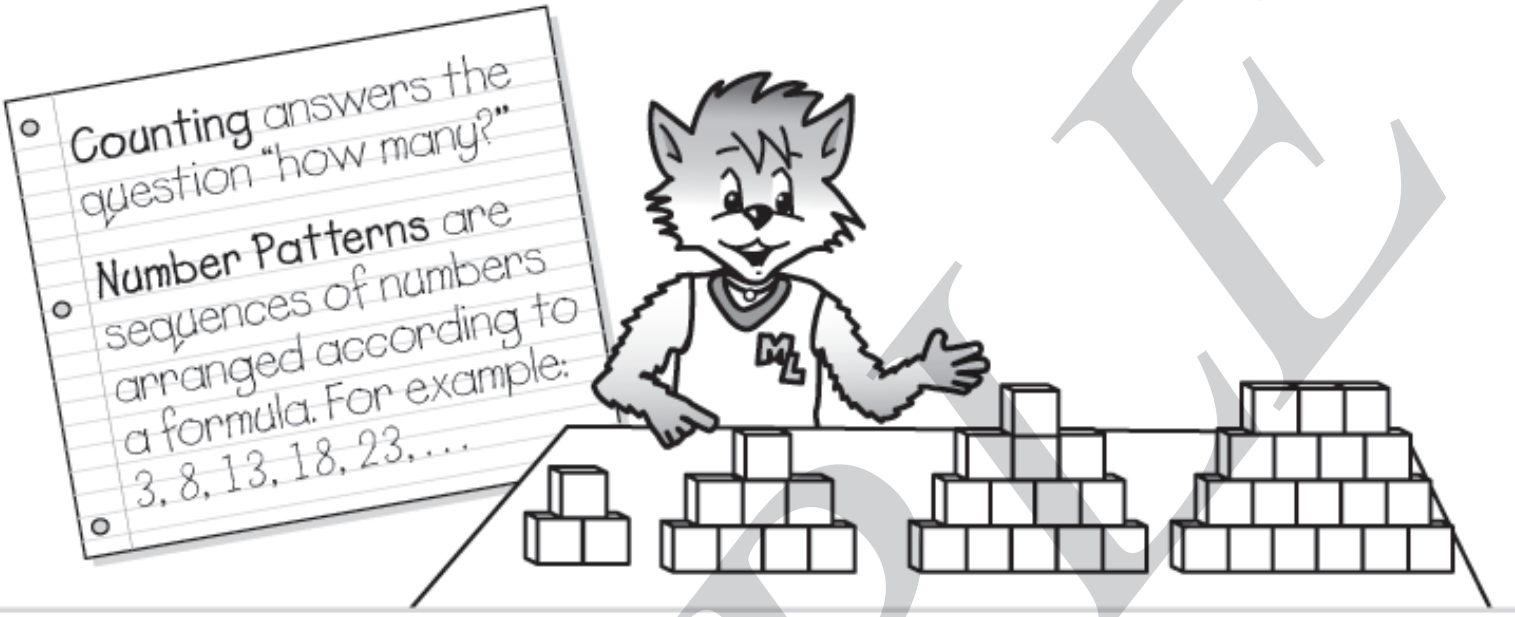
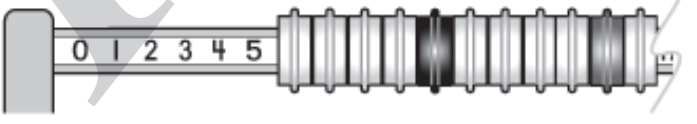
Counting to 100/Number Patterns



Warm Up

Count from 0 to 100 by ones. Clear rings to the right before beginning each exercise.

Zero, 0, is the first number on the MathLine. 0 represents nothing so there are no rings in place.



Slide the first ring to the left and the 0 is covered. Instead you see the number 1. One ring corresponds to the number 1.

Slide the next ring and you see the number 2. As you count from 0 to 100 notice the one-to-one correspondence between the number of rings and the numbers shown on the MathLine.

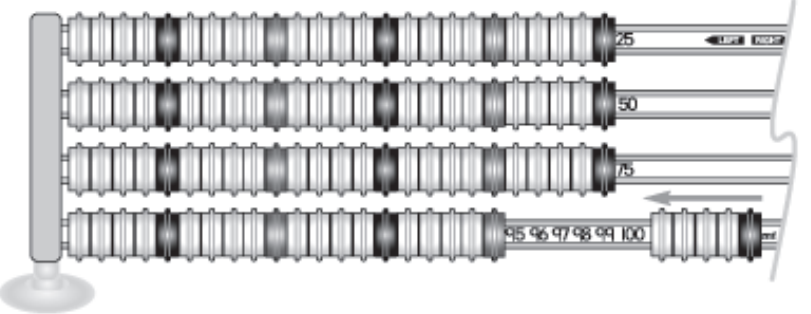
Activities

a *Count by 5s to 100.*

Do you notice the color/number pattern?

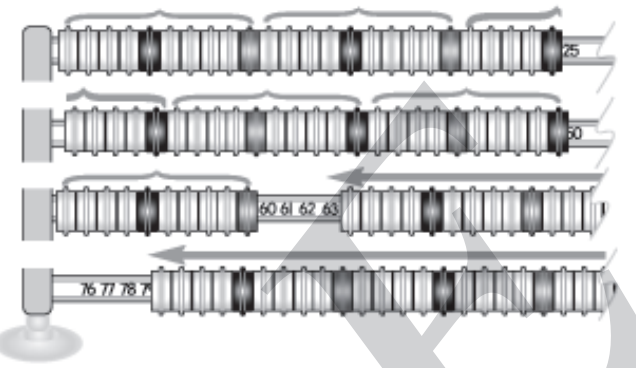
Each 5 ring is _____.

Each 10 ring is _____.



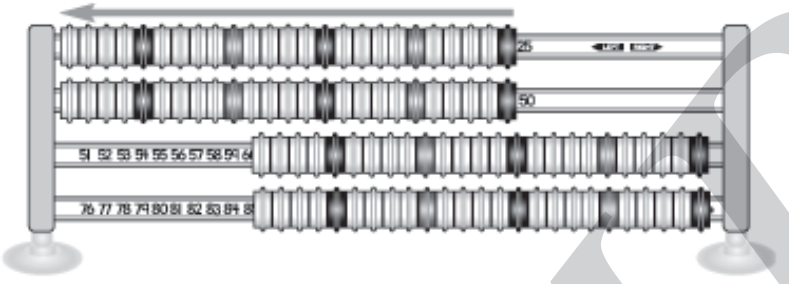
b *Count by 10s to 100.*

Counting by 10s on the MathLine is easy because every 10 ring is _____.
There is always a _____ 5 ring in between the 10s.



c *Count by 25s to 100.*

Start with all the rings to the right. Slide each row of 25 rings to the left as you count.



Each rod has _____ rings.
The first row ends in a blue ring.
The second row ends in a _____ ring.
The third row ends in a _____ ring.
The fourth row ends in a _____ ring.

Write the numbers.

_____ _____ _____ _____

Challenge

a *Count and move 5 on the MathLine. Count and move 2 more, then 3 more. Repeat the number pattern of 5, 2, and 3 and continue up to 60.*

5, 7, 10, 15, _____, _____, _____, _____, _____, _____,

_____, _____, _____, _____, _____, _____, _____, 60

Each set of 5, 2, and 3 ends with a ring of the same color. What color is it? _____

b Return to the note at the beginning of the lesson. Write the next ten numbers in the number pattern.

_____, _____, _____, _____, _____, _____, _____, _____, _____, _____

What is the pattern?

_____