Sorting Numbers

Quick Review
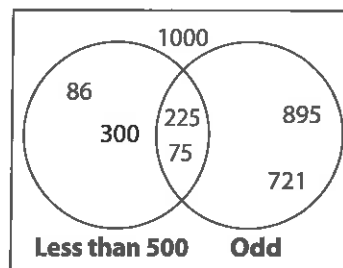
At Home At School

Here are four ways to sort these numbers.

86   225   895   300   75   1000   721

Venn Diagram

1000
86
75
225
895   300
721

Have 2 digits   Have 3 digits

Venn Diagram

1000
86
300
225
75
895
721

Less than 500   Odd

Venn Diagram

Greater than 200
300
86
75
225
895
721
Odd
1000
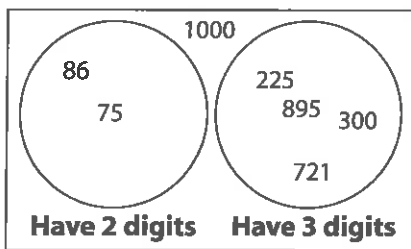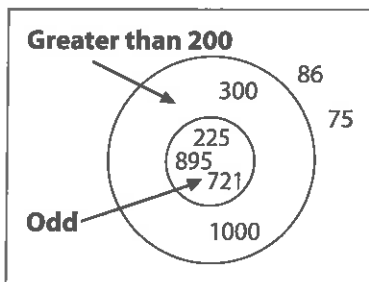
Carroll Diagram

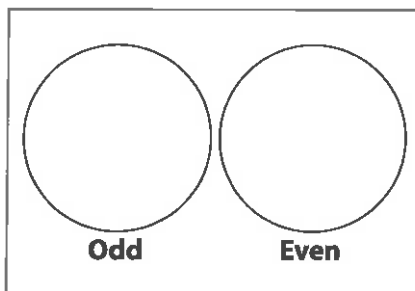|	Digits add to less than 10	Digits add to 10 or more
Even	300 1000	86
Odd	225	75 721 895

Try These

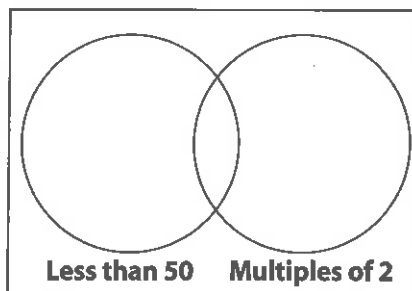1. Use each Venn diagram to sort these numbers.
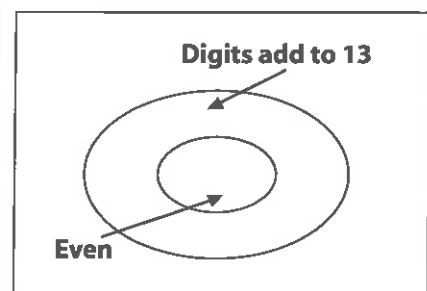
   94   27   85   13   44   76

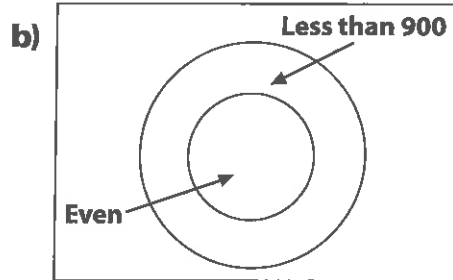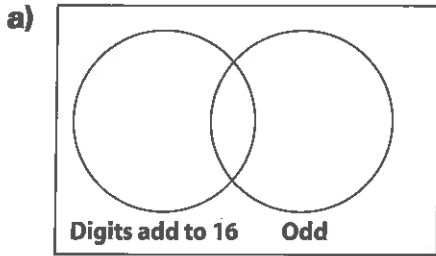   **a)**   **b)**   **c)**

   Odd   Even   Less than 50   Multiples of 2   Digits add to 13

   Even

1. Sort these numbers in each Venn diagram.

   421 718 246 967 358 709 626

   a)

   Digits add to 16   Odd

   b)

   Less than 900

   Even

2. Use a coloured pencil to write one more number in each part of the Venn diagrams in question 1.

3. **a)** Sort these numbers in the Carroll diagram.

   56 101 77 84 50 126
   91 105

   b) Use a coloured pencil to write another number in each box in the Carroll diagram.

	Even	Odd
Multiples of 7		
Not Multiples of 7		

4. Elmo travels to Sweden every three years.
   Sven visits Sweden every four years.
   Both men went to Sweden in 2006.
   Use a Venn diagram to find the year
   in which both men will visit Sweden again.

   _____

Choose two attributes. Label the circles.
Sort these numbers in the Venn diagram.
1514 2658 947 352 685 4109