Strategies for Addition Worksheet

Mathematics

Mrs Harris

Magic Squares.
Fill in the blanks to correctly complete the squares.

5		
	2	
1		6

The digits 1-9 are used only once.
Sum of each row and column is 15

7		
	2	

All numbers are < 15 and no number is repeated.
Sum of each row and column is 19

On Monday, 634 people visited the zoo.
The zoo had 374 visitors on Tuesday.
How many people visited the zoo altogether?

Partitioning numbers

A space shuttle has two tanks of fuel. When full, there is 65 091 litres of liquid oxygen and 1 741 154 litres of liquid hydrogen. What is the total volume of fuel carried by the shuttle?

Independent Task - Questions

For each equation, answer using two different strategies.
Explain which of your chosen methods you find more efficient and why.
Methods: Using derived facts; **Round and adjust;** Partition one number;
Partition all numbers; Column addition

43 975 + 23 868 =

3 467 307 + 4 332 512 =

7654 + 13 912 + 45 637 =

8989 + 5 771 012 =

1 754 612 + 3 256 388 =