

3rd Grade Addition Strategies

Adding with regrouping (opening- up the number): Split the number into the value that each digit represents and then add.

Examples:

$$87 + 21 = \underline{\hspace{2cm}}$$

$$80 + 7$$

$$20 + 1$$

$$100 + 8 = 108$$

$$133 + 55 = \underline{\hspace{2cm}}$$

$$100 + 30 + 3$$

$$50 + 5$$

$$100 + 80 + 8 = 188$$

Adding by parts: One of the numbers stays the same and you break-up the other number into smaller numbers that you feel safe with. Add one part at a time, showing your work at each step.

Examples:

$$87 + 21 = \underline{\hspace{2cm}}$$

$$(10+10+1)$$

$$87 + 10 = 97$$

$$97 + 10 = 107$$

$$107 + 1 = 108$$

$$133 + 55 = \underline{\hspace{2cm}}$$

$$(10+10+10+10+5)$$

$$133 + 10 = 143$$

$$143 + 10 = 153$$

$$153 + 10 = 163$$

$$163 + 10 = 173$$

$$173 + 10 = 183$$

$$183 + 5 = 188$$

Adding by place

Adding by place: Add all the ONES first. Then, add all the TENS. Then the HUNDREDS... Finally add them all together.

Examples:

$$87 + 21 = \underline{\quad}$$

$$7 + 1 = 8$$

$$80 + 20 = 100$$

$$100 + 8 = 108 //$$

$$133 + 55 = \underline{\quad}$$

$$3 + 5 = 8$$

$$30 + 50 = 80$$

$$100 + 0 = 100$$

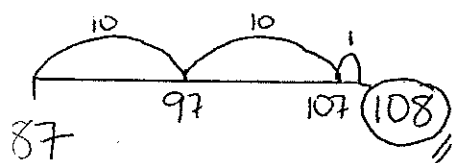
$$100 + 80 + 8 = 188 //$$

Number line: Start at one of the numbers. Break-up the other number into numbers you feel safe with and "jump".

Examples:

$$87 + 21 = \underline{\quad}$$

10 + 10 + 1



$$133 + 55 = \underline{\quad}$$

10 + 10 + 10 + 10 + 5

