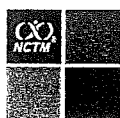
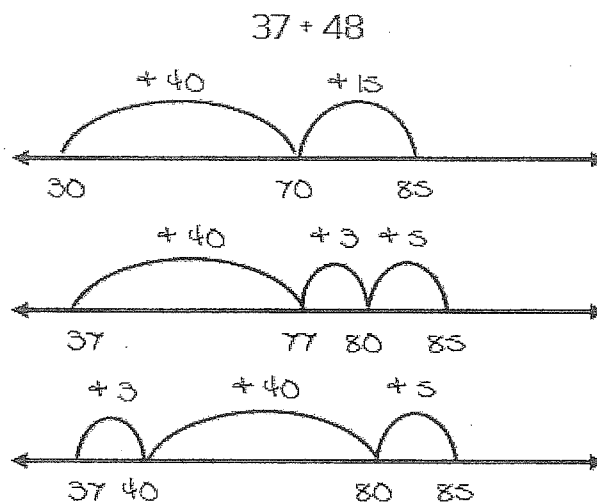


Open (Empty) Numberlines

The empty number line, or open number line as it is sometimes referred to, was originally proposed as a model for addition and subtraction by researchers from the Netherlands in the 1980s. A number line with no numbers or markers, essentially the empty number line is a visual representation for recording and sharing students' thinking strategies during the process of mental computation.

Below is an example of different ways a student might use the open numberline to solve $37 + 48$



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