| addition |
| :--- |
| add |
| altogether |
| total |
| plus |
| the sum of |
| more than |
| subtraction |
| subtract |
| take away |
| minus |
| difference |
| less than |
| equals |
| same as |



## Pictorial Representations for Addition and Subtraction


$\mathbf{1 5}+5=\mathbf{2 0}$


$$
20-5=15
$$

$$
\begin{array}{lr}
20-5=15 & 15=20-5 \\
20-15=5 & 5=20-15
\end{array}
$$

Subtraction by counting backwards along a number line

|  | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

$$
\begin{array}{ll}
15+5=20 & 20=15+5 \\
5+15=20 & 20=5+15
\end{array}
$$

