



$6 + 7 = 13 \quad 13 - 6 = 7$

$7 + 6 = 13 \quad 13 - 7 = 6$

$11 + 2 = 13 \quad 2 + 11 = 13 \quad 13 - 2 = 11 \quad 13 - 11 = 2$

$8 + 6 = 14 \quad 6 + 8 = 14 \quad 14 - 8 = 6 \quad 14 - 6 = 8$

$9 + 8 = 17 \quad 8 + 9 = 17$

$17 - 9 = 8 \quad 17 - 8 = 9$

This is sometimes true. If two of the three numbers are the same then only two different calculations can be written, one addition and one subtraction.



17, 5, 12

You can make two addition and two subtraction calculations: $5 + 12 = 17$, $12 + 5 = 17$, $17 - 5 = 12$ and $17 - 12 = 5$.

18, 9, 9

You can only make one addition and one subtraction calculation: $9 + 9 = 18$ and $18 - 9 = 9$.

11, 4, 7

You can make two addition and two subtraction calculations: $4 + 7 = 11$, $7 + 4 = 11$, $11 - 7 = 4$ and $11 - 4 = 7$.

15, 5, 6

You can't make any addition or subtraction calculations with these numbers as they are unrelated.

| Problem | Calculation | Picture |
|--|--------------|--|
| <i>Problem where the calculation $9 + 7$ is required to find answer.</i> | $9 + 7 = 16$ | <i>Pictorial representation for $9 + 7$.</i> |
| <i>Problem where the calculation $16 - 9$ is required to find answer.</i> | $16 - 9 = 7$ | |
| <i>Problem where the calculation $16 - 7$ is required to find answer</i> | $16 - 7 = 9$ | <i>Pictorial representation for $16 - 7$.</i> |

