**Integer Addition**

|  |
| --- |
| **When the signs are the same** |
| **Both Positive**$ Ex. (99+34)$ | **Both Negative**$ Ex.(-99+-34)$ |
| 1. Take the sign of both integers.
2. Add
 | 1. Take the sign of both integers.
2. Add
 |
| **Solution to example****133** | **Solution to example****-133** |
| **Your Example****19 + 14 = 25** | **Your Example****-19 + (-14) = -25** |

|  |
| --- |
| **When the signs are different** |
| $$9+(-8)$$ |
| **Absolute Value of the first integer****9** | **Absolute Value of the second integer****8** |
| **Subtract the smaller absolute value from the larger absolute value****9 – 8 = 1** |
| **Put the sign of the number with the larger absolute value with your answer****9** |

|  |
| --- |
| $$-52+38$$ |
| **Absolute Value of the first integer****52** | **Absolute Value of the second integer****38** |
| **Subtract the smaller absolute value from the larger absolute value****52 – 38 = 14** |
| **Put the sign of the number with the larger absolute value with your answer****-14** |