

Chaoyu Wang
cwan287@uwo.ca

Calculator 1:

- (a) Input: $57 * 13$ (MS), C, $161 / 7$, remember the number, MR - the number = 718
- (b) Input: $1023 - 127$, * 2 = 1792
- (c) Input: $789 + 148$, *789 = 739293
- (d) Input: $135 * 9$ (MS), C, $117 * 9$, remember the number, MR - the number = 162
- (e) Cannot be solved directly by this calculator model.

Calculator 2:

- (a) Input: 57 Enter 13 Enter * 161 Enter 7 Enter / - = 718
- (b) Input: 1023 Enter 127 Enter - 2 Enter * = 1792
- (c) Input: 789 Enter 148 Enter + 789 Enter * = 739293
- (d) Input: 135 Enter 9 Enter * 117 Enter 9 Enter * - = 162
- (e) Cannot be solved directly by this calculator model.

Calculator 3:

- (a) Input: $(57 * 13) - (161 / 7) = 718$
- (b) Input: $(1023 - 127) * 2 = 1792$
- (c) Input: $789 * (789 + 148) = 739293$
- (d) Input: $(135 * 9) - (117 * 9) = 162$
- (e) Cannot be solved directly by this calculator model.

After testing these three different calculators, it is found that the operation of calculator 1 is more troublesome than the other two. And it is impossible to store multiple values for calculation, such as a and d. Calculator 1 requires the user to remember a value for calculation. Calculators 2 and 3 both completed the test very well. But compared to these two calculators, Calculator 3 is easier to use. Because Calculator 2 uses the RPN model, beginners may not be able to use it very proficiently. But if the user finds the RPN, the calculation becomes simple and fast. For test e), none of the three calculators can solve this calculation. So for most people Calculator 3 is the best choice, but if the user can use RPN, Calculator 2 is also a good choice. So the practicality of Calculator 3 is the best.