|  |  |  |  |
| --- | --- | --- | --- |
|  | Skill | Representations and Methods | |
| Addition | Add numbers with more than 4 digits |  | Part-whole model  Bar model  Place value counters  Column addition |
| Add with up to 3 decimal places |  | Part-whole model  Bar model  Place value counters  Column addition |
| Subtraction | Subtract numbers with more than 4 digits |  | Part-whole model  Bar model  Place value counters  Column subtraction |
| Subtract with up to 3 decimal places |  | Part-whole model  Bar model  Place value counters  Column subtraction |
| Multiplication | Multiply 4-digit numbers by 1-digit numbers |  | Place value counters  Short written method |
| Multiply 2-digit numbers by 2-digit numbers |  | Place value counters  Base 10  Short written method  Grid method |
|  | Multiply 3-digit numbers by 2-digit numbers |  | Place value counters  Short written method  Grid method |
|  | Multiply 4-digit numbers by 2-digit numbers |  | Formal written method |
| Division | Divide 3-digits by 1-digit (grouping) |  | Place value counters  Plain counters  Place value grid  Written short division |
| Divide 4-digits by 1-digit (grouping) |  | Place value counters  Plain counters  Place value grid  Written short division |