| **General Problem Solving Strategies** | **Order of Operations** |
| --- | --- |
| * Reread question for clarity * Draw a picture * Make a table * Circle or highlight key terms * Calculate and solve * See if my answer makes sense * Circle my answer | **PEMDAS**   1. **P**arentheses (brackets, etc.) 2. **E**xponents 3. **M**ultiplication or **D**ivision (left to right) 4. **A**ddition or **S**ubtraction (left to right) |
| **Symbols** | **Divisibility Rules** |
| is greater than  is less than  is equal to  | x |= absolute value of *x* | |  |  | | --- | --- | | 2 | If the last digit is even | | 3 | If the sum of the digits can be divided by 3 | | 5 | If the last digit is 0 or 5 | | 6 | If the number is divisible by both 2 and 3 | | 9 | If the sum of the digits can be divided by 9 | | 10 | If the last digit is 0 | |
| **Hundreds Charts** | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| **Number Line** | |
| Number line | |

| **Place Value** | |
| --- | --- |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Whole Numbers | | | | | |  | Decimals | | | Hundred-  thousands | Ten- thousands | Thousands | Hundreds | Tens | Ones | . | Tenths | Hundredths | |  |  |  |  |  |  |  |  |  | | |
| **Geometric Measurement** | **Percentages and Proportions** |
| Perimeter |  |
| **Statistics** | **Coordinate Plane** |
| * me**A**n-Average * **Mo**de-Most Often * me**DI**an-Middle * **R**ang**E-** Least to Greatest | Coordinate plane |
| **Properties** | **Fractions** |
|  |  |

| **Multiplication Table (DO NOT complete this table for the student.)** |
| --- |
| | **X** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **1** |  |  |  |  |  |  |  |  |  |  |  |  | | **2** |  |  |  |  |  |  |  |  |  |  |  |  | | **3** |  |  |  |  |  |  |  |  |  |  |  |  | | **4** |  |  |  |  |  |  |  |  |  |  |  |  | | **5** |  |  |  |  |  |  |  |  |  |  |  |  | | **6** |  |  |  |  |  |  |  |  |  |  |  |  | | **7** |  |  |  |  |  |  |  |  |  |  |  |  | | **8** |  |  |  |  |  |  |  |  |  |  |  |  | | **9** |  |  |  |  |  |  |  |  |  |  |  |  | | **10** |  |  |  |  |  |  |  |  |  |  |  |  | | **11** |  |  |  |  |  |  |  |  |  |  |  |  | | **12** |  |  |  |  |  |  |  |  |  |  |  |  | |