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| --- | --- | --- |
| Term | Definition | Example |
| Lots of, groups of | Equal groups of amounts  |  7 lots of 5 = 35 |
| X, multiply, multiplied by | Combining sets of equal groupsRepeated addition | 5 + 5 + 5 + 5 + 5 + 5 + 5 = 357 lots of 5 = 357 x 5 = 5 |
| Repeated addition | Counting equal groups in 2s, 5s or tens | 5 + 5 + 5 + 5 = 20 |
| Product | The result of multiplying two numbers together | 4 X 8 = 32product |
| Array | Rectangular arrangements to show equal groups |  |

|  |  |  |
| --- | --- | --- |
| Term | Definition | Example |
| Column | Objects lined top to bottom. Every column in an array must have the same amount |   |
| row | Objects lined left to right. Every column in an array must have the same amount |  |
| Half | Divide the amount into two equal sets. |  |
| Share equally | Share the total amount into an agreed number of groups. |  |
| **Instructional Vocabulary** |
| Carry on | Describe the pattern, describe the rule |
| Continue, repeat | Find, find all |
| What comes next? Predict | Investigate |
| Choose, decide | Collect |

**Multiplication – Year Three**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Review 2x, 5x and 10x tables | 1 x 2 = 2 1 x 5 = 5. 1 x 10 = 102 x 2 = 4 2 x 5 = 10 2 x 10 = 203 x 2 = 6 3 x 5 = 15 3 x 10 = 30 4 x 2 = 8 4 x 5 = 20 4 x 10 = 40 5 x 2 = 10 5 x 5 = 25 5 x 10 = 50 |  | Doubles 2-digit number | Examples Double 19 = 38 Double 47 = 94 Double 83 = 166Double 61 = 122 Double 92 = 184Double 53 = 106 Double 18 = 36Double 26 = 52 Double 37 = 74 |
| 4 x table | 1 x 4 = 4 7 x 4 = 282 x 4 = 8 8 x 4 = 323 x 4 = 12 9 x 4 = 364 x 4 = 16 10 x 4 = 405 x 4 = 20 11 x 4 = 446 x 4 = 24 12 x 4. = 48 |  | 3x table | 1 x 3 = 3 7 x 3 = 212 x 3 = 6 8 x 3 = 243 x 3 = 9 9 x 3 = 274 x 3 = 12 10 x 3 = 305 x 3 = 15 11 x 3 = 336 x 3 = 18 12 x 3 = 36 |
| 8x table  | 1 x 8 = 8 7 x 8 = 562 x 8= 16 8 x 8= 643 x 8 = 24 9 x 8 = 724 x 8 = 32 10 x 8 = 805 x 8 = 40 11 x 8 = 886 x 8 = 48 12 x 8 = 96 |  | 6x table | 1 x 6 = 6 7 x 6 = 422 x 6 = 12 8 x 6 = 483 x 6 = 18 9 x 6 = 544 x 6 = 24 10 x 6 = 605 x 6 = 30 11 x 6 = 666 x 6 = 36 12 x 6 = 72 |

**Essential Knowledge**

