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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 groups  Repeated addition | 5 + 5 + 5 + 5 + 5 + 5 + 5 = 35  7 lots of 5 = 35  7 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 = 32  product |
| Array | Rectangular arrangements to show equal groups |  |

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| --- | --- | --- | --- |
| 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**

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| --- | --- | --- | --- | --- |
| Review 2x, 5x and 10x tables | 1 x 2 = 2 1 x 5 = 5. 1 x 10 = 10  2 x 2 = 4 2 x 5 = 10 2 x 10 = 20  3 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 = 166  Double 61 = 122 Double 92 = 184  Double 53 = 106 Double 18 = 36  Double 26 = 52 Double 37 = 74 |
| 4 x table | 1 x 4 = 4 7 x 4 = 28  2 x 4 = 8 8 x 4 = 32  3 x 4 = 12 9 x 4 = 36  4 x 4 = 16 10 x 4 = 40  5 x 4 = 20 11 x 4 = 44  6 x 4 = 24 12 x 4. = 48 |  | 3x table | 1 x 3 = 3 7 x 3 = 21  2 x 3 = 6 8 x 3 = 24  3 x 3 = 9 9 x 3 = 27  4 x 3 = 12 10 x 3 = 30  5 x 3 = 15 11 x 3 = 33  6 x 3 = 18 12 x 3 = 36 |
| 8x table | 1 x 8 = 8 7 x 8 = 56  2 x 8= 16 8 x 8= 64  3 x 8 = 24 9 x 8 = 72  4 x 8 = 32 10 x 8 = 80  5 x 8 = 40 11 x 8 = 88  6 x 8 = 48 12 x 8 = 96 |  | 6x table | 1 x 6 = 6 7 x 6 = 42  2 x 6 = 12 8 x 6 = 48  3 x 6 = 18 9 x 6 = 54  4 x 6 = 24 10 x 6 = 60  5 x 6 = 30 11 x 6 = 66  6 x 6 = 36 12 x 6 = 72 |



**Essential Knowledge**

