## Overview



Multiplication and Division we learn:
-Consolidate 2, 4 and 8 Times Tables
-Comparing Statements -Related Calculations
-Multiply 2 Digits by 1 Digit -Divide 2 Digits by 1 Digit
-Scaling -How Many Ways?
MULTIPLICATION
Multiplication and Division is useful learning because it is used in many areas of everyday life - e.g. shopping,
DIVISION of other maths ideas.


| Written Multiplication and Division Methods |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Multiplication - No Regrouping |  |  | Division - No Regrouping |  |  |  |
| T | 0 | -Start by multiplying ones from the 2 -digit number with the 1 digit number ( $4 \times 2$ ) <br> -Then, multiply the tens from the 2-digit number with the 1-digit number ( $3 \times 2$ ). |  |  |  | -Divide the tens by the number outside the bus stop (8:4=2). <br> -Divide the ones by the number outside the bus stop $(4 \div 4=1)$ |
| 3 | 4 |  |  | Tens | Ones |  |
| $\times$ | 2 |  |  | 2 | 1 |  |
| 68 |  |  | 4 | 8 | 4 |  |
| Multiplication - With Regrouping |  |  | Division - With Regrouping |  |  |  |
| 1 |  | -Here, the resulting number from the first calculation is 10 or more (e.g. $5 \times 3=15$ ).So, place the ones (5) in the ones column and the tens (1) above the tens column. Add the carried number to the next calculation ( $2 \times 3=6,6+1=7$ ). | Ten |  |  | 4:3=1 with 1 remainder. This remainder is placed in the next column before the next number. The next sum therefore becomes 15 $\div 3=5$. |
| T | $\bigcirc$ |  |  |  | Ones |  |
| 2 | 5 |  |  | 1 | 5 |  |
| ${ }^{\times}$ | 5 |  | 3 | 4 | ${ }^{1} 5$ |  |
| 7 | 5 |  |  |  |  |  |



## Key Vocabulary

| Times Tables | Multiply | Divide | Fact Families | Regrouping | Arrays | 3 times tables | 4 times tables |
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