

## mutipllcation

Vocabulary:
Whole number: a number without fractions that is equal to or greater than 1.
Multiplication: repeated addition
Associative property: the product stays the same when the grouping of factors is changed

Equivalent: the same
Factor: number that is multiplied with other numbers
Identity property: when the number 1 is multiplied with another number, that number stays the same

Number sentence: an equation using numbers and operation symbols

## Multiplication Parts



Watch out for the terms closer to, between, and a little more than in word problems indicating estimation.


## HOW TO MULTIPLY

 2 DIGIT BY 1 DIGIT
put down the 8
and carry the 1

$12+1=13$
Write down the 13


This is your answer
138

## HOW TO MULTIPLY

 3 DIGIT BY 1 DIGIT| 235 |
| ---: |
| $\times \quad 6$ |
| $5 \times 6=30$ |
| put down the 0 |
| and carry the 3 |
| 2335 |
| $\times \quad 6$ |
| 1410 |


| 235 |
| ---: |
| $\times \quad 6$ |
| $3 \times 6=18$ |
| $18+3=21$ |

Put down the 1
and carry the 2

| 23 <br> 235 |
| :--- |
| 66 <br> $12 \times 6=12$ <br> $12+2=14$ |
| Put down the 14 |
| and that is the |
| answer |

This is your answer!
Pretty easy hey?

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## HOW TO MULTIPLY

## How To Multiply 3 Digit By 2 Digit Numbers <br> Stepl: Choose a 3 digit number and a 2 digit number <br> 452 <br> 

> Step 2: Multiply the top number with the ones from the number below

Step 3 : You got $452 \times 3$. Now you need to find $452 \times$
I.You need to put the zero below to hold the place.


## Associative Property

## ASSOCIATIVE PROPERTY <br> $(3 \times 2) \times 4=3 \times(2 \times 4)$ <br> $6 \times(4 \times 3)=(6 \times 4) \times 3$

ONLY THE PARENTHESES MOVE
( )

## Key Words for Word Problems


triple


What other cach group key words can you think

