

Sense of Number

Expanded Visual Calculation Policy

Written Strategies Policy

St Philip's CE Primary School
April 2018

Graphic Design by Dave Godfrey
Compiled by the Sense of Number Maths Team

For sole use within St Philip's CE Primary School.

'A picture is worth 1000 words!' www.senseofnumber.co.uk

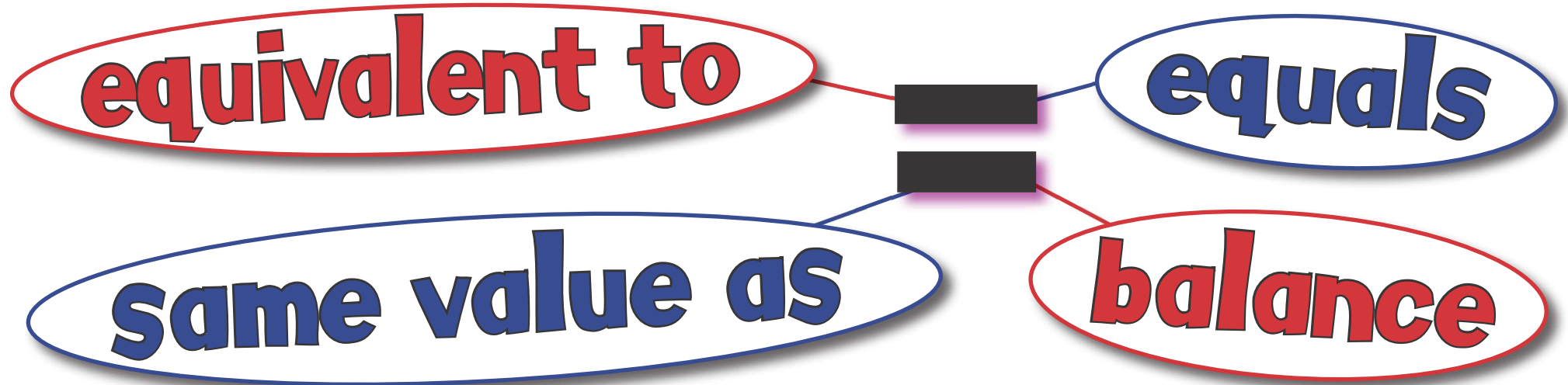


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Calculation Vocabulary



Key Vocabulary!

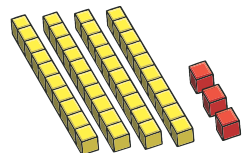
$$\underset{\text{Addend}}{8} + \underset{\text{Addend}}{2} = \underset{\text{Total Sum}}{10}$$

$$\underset{\text{Minuend}}{8} - \underset{\text{Subtrahend}}{2} = \underset{\text{Difference}}{6}$$

$$\underset{\text{Multiplicand}}{8} \times \underset{\text{Multiplier}}{2} = \underset{\text{Product}}{16}$$

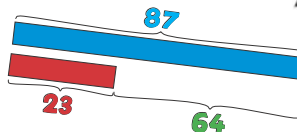
$$\underset{\text{Dividend}}{8} \div \underset{\text{Divisor}}{2} = \underset{\text{Quotient}}{4}$$





1
Make it?

2
Draw it?



MA2: Round & Adjust

$$45 + 19 = 64$$

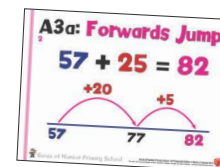
$$45 + 20 - 1$$

$$65 - 1 = 64$$

3
In my Head?

What should I do?

4
Jotting?



A7f: Column Addition

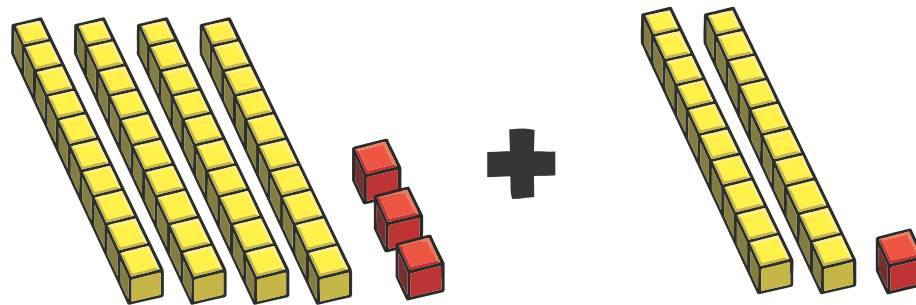
$$\begin{array}{r} 4873 \\ + 3762 \\ \hline 8635 \end{array}$$

5
Written method?



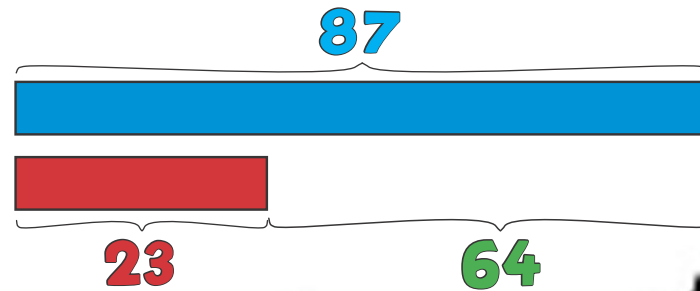
1

Can I make it?



2

Can I draw a picture?



3

Can I do it in
my head?

MA2: Round & Adjust

45 + 19 = 64

45 + 20 - 1

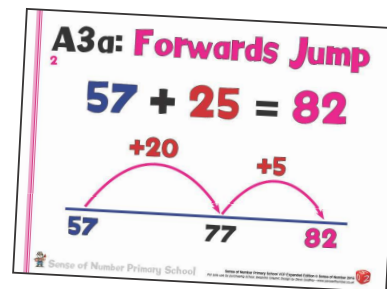
65 - 1 = 64

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4

Do I need a
jotting?



5

Do I need a
written method?

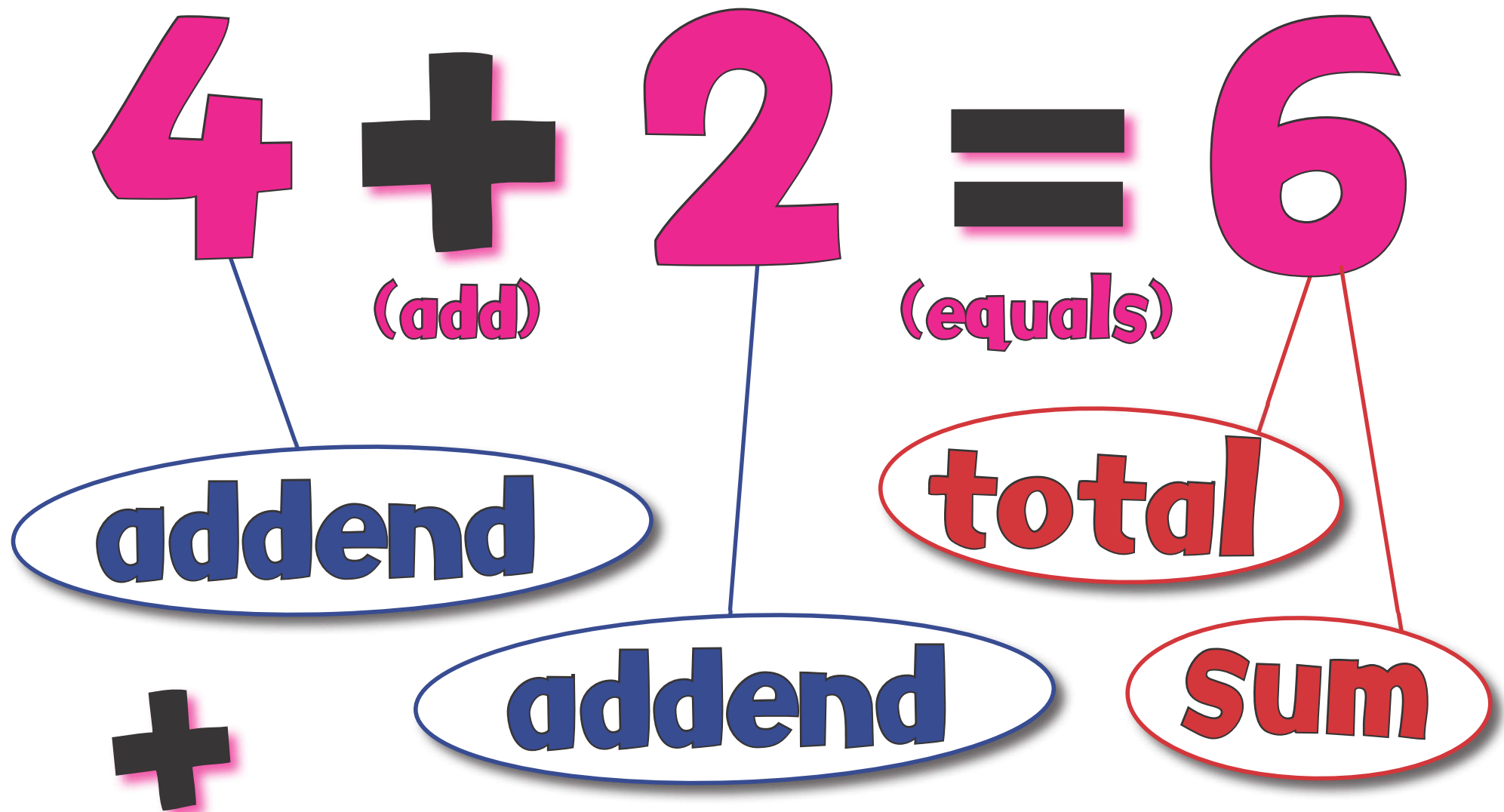
A7f: Column Addition

$$\begin{array}{r} 4873 \\ + 3762 \\ \hline 8635 \\ \text{11} \end{array}$$

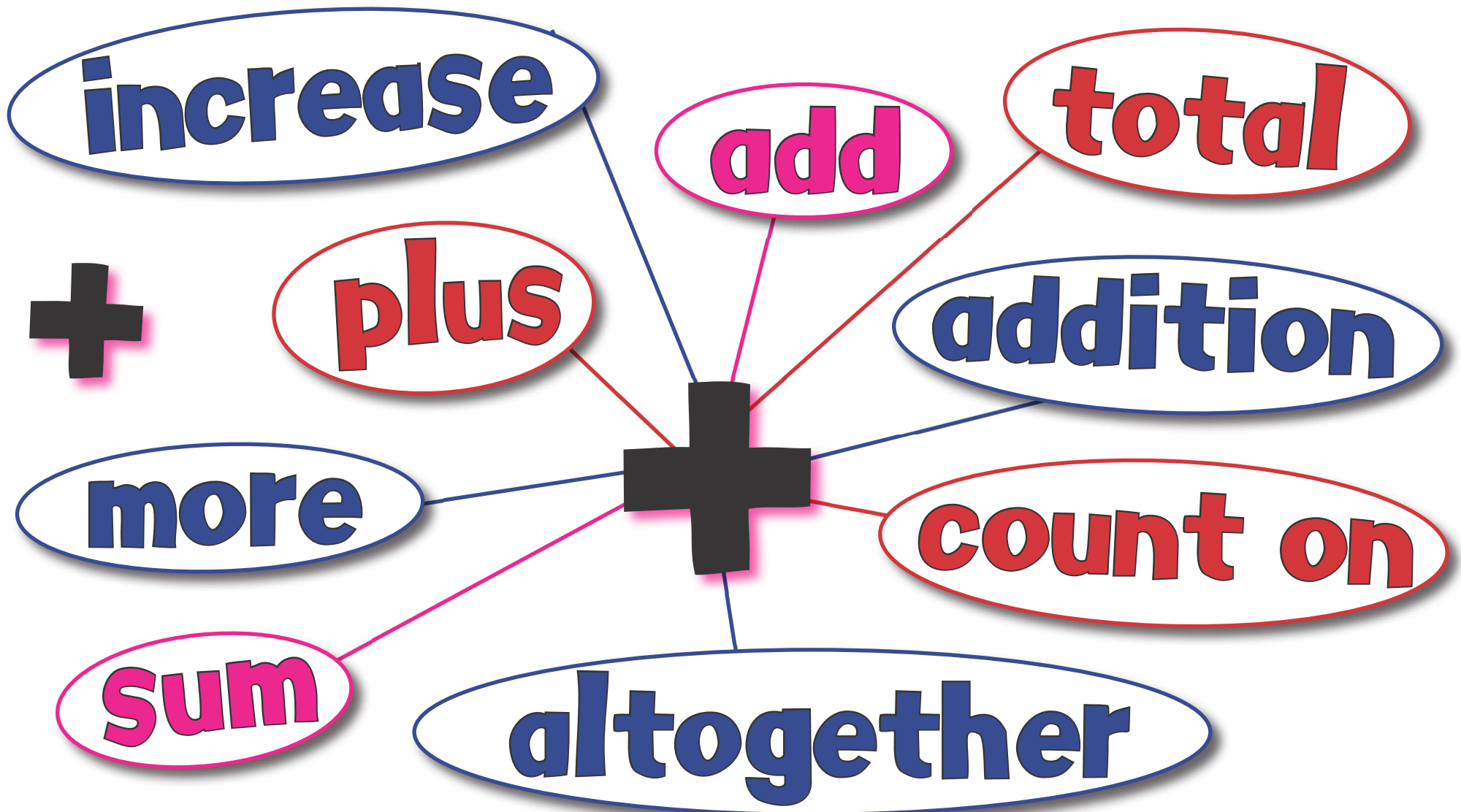
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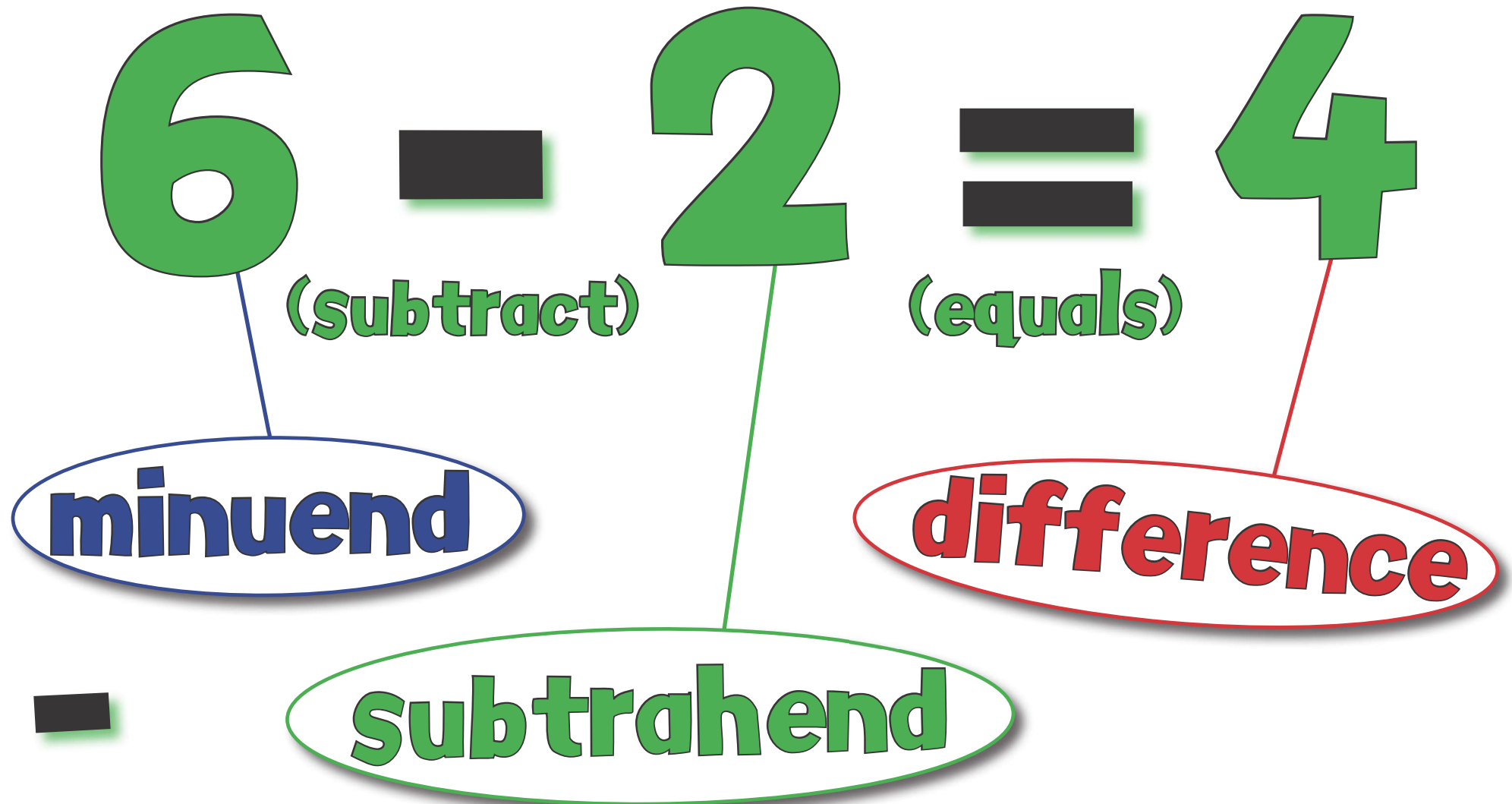
Addition Calculation



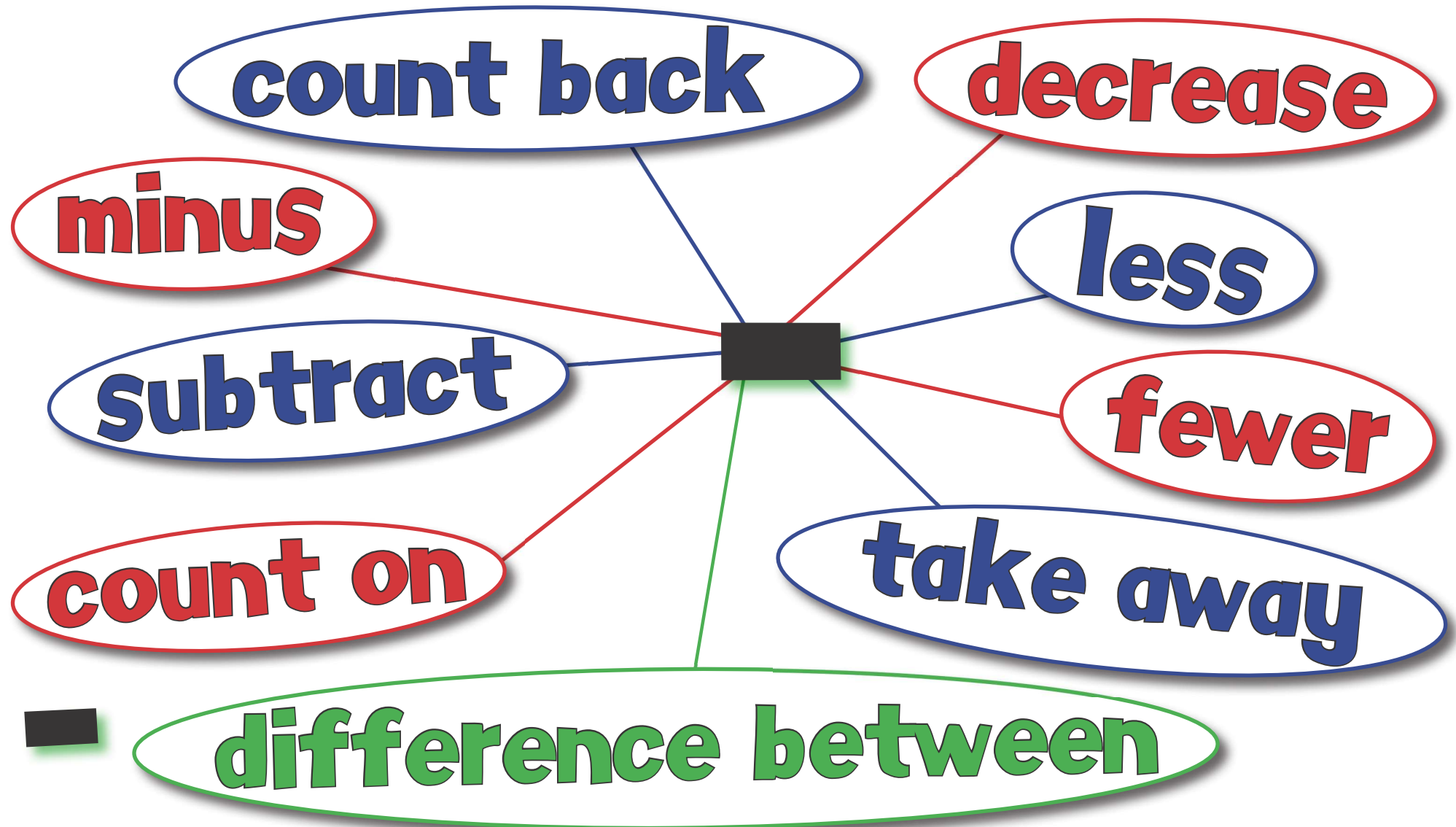
Addition Vocabulary



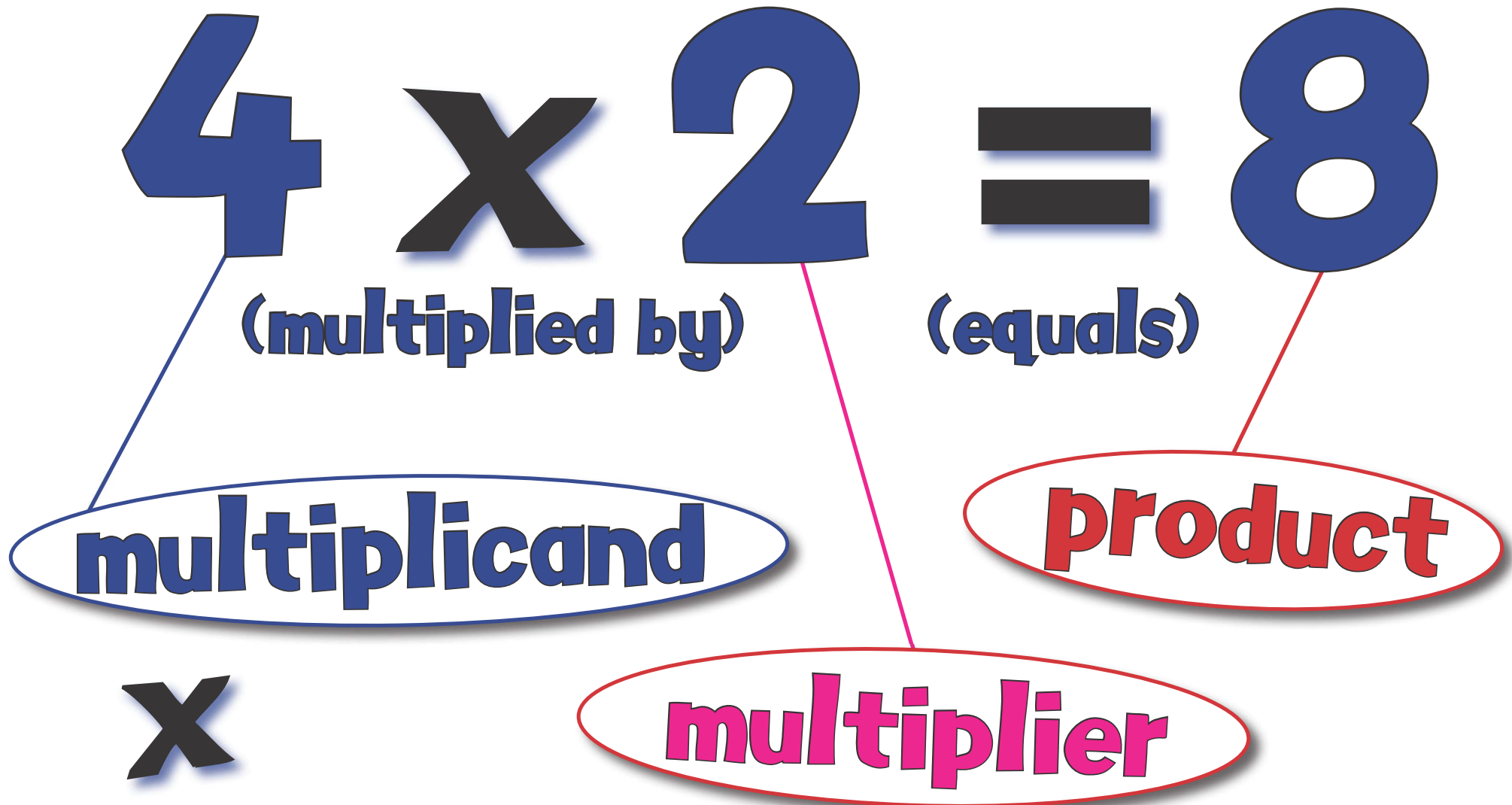
Subtraction Calculation



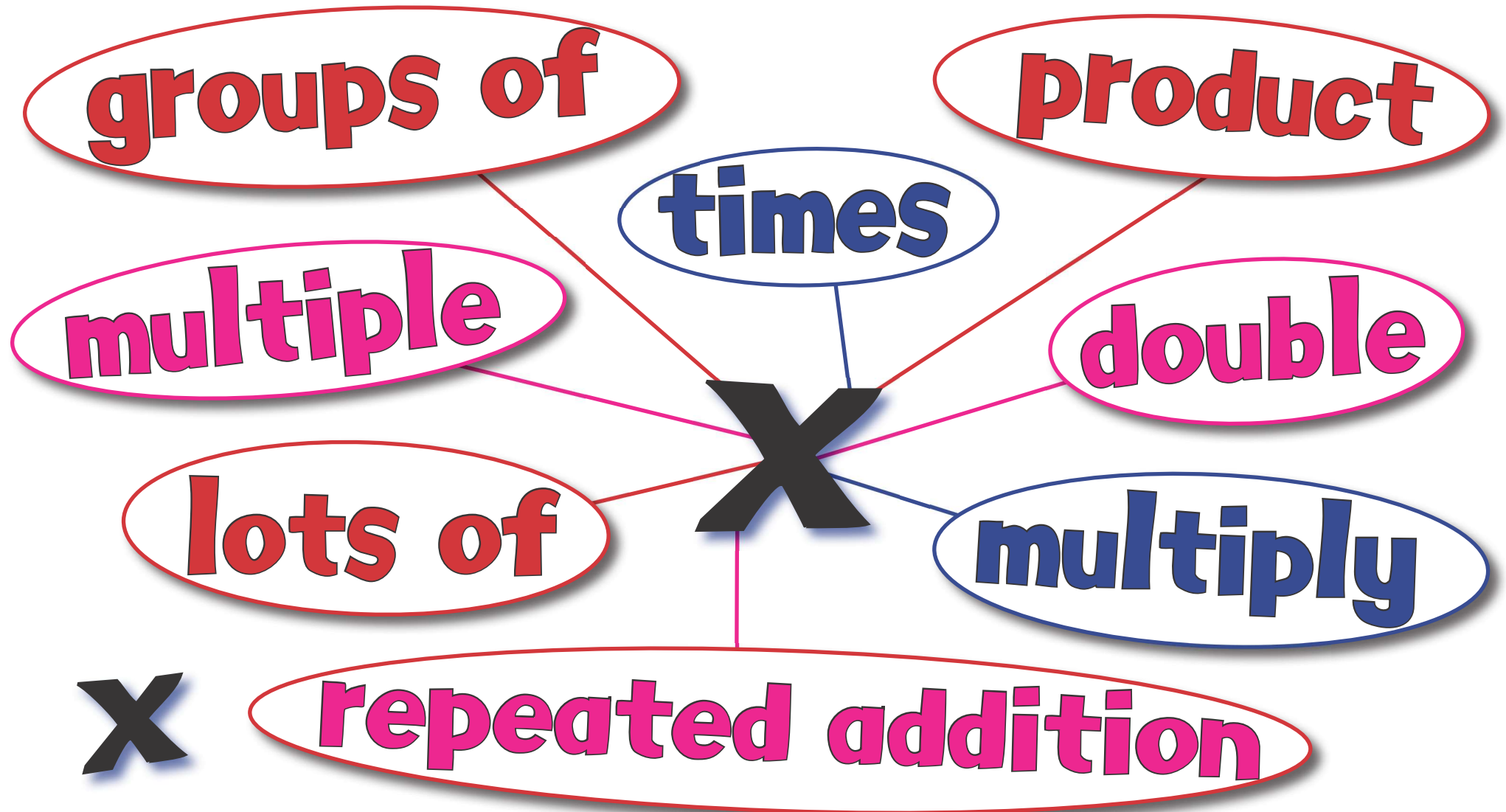
Subtraction Vocabulary



Multiplication Calculation



Multiplication Vocabulary



Division Calculation

$$8 \div 2 = 4$$

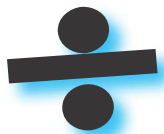
(divided by)

(equals)

dividend

quotient

divisor



Division Vocabulary

