Ballpark Estimate

G5U2
L 8

24 + 48 is about 70

20 + 50 = 70

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Algorithm

G5U2
L 2

step-by-step instructions for adding, subtracting, multiplying, or dividing

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G5U2
L 6

Certain

It absolutely will happen!

Roll two dice.

You will have a total less than 13.

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G5U2
L 2

Column Addition Method

	100s	10s	1s
	2	4	5
+	1	8	9
	3	12	14
	3	13	4
	4	3	4

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G5U2
L 3

Difference

By how much are they different?

Subtract to find the difference.

18 – 7 = 11

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G5U2
L 2

Digits

7,324
4 Digit Number

Symbols for numbers of things.
There are only 10 digits.

678
3 Digit Number

0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Any number can be written with only these ten digits.

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G5U2
L 1

Estimate

21 + 48 is about 70

Consider the value of
the numbers and think of
an answer close to the exact answer.

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G5U2
L 2

Expanded Notation

Write the numbers to show the sum of
the values of the digits.

3,000 + 500 + 3 = 3,502

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False Number Sentence

G5U2
L 4

A number sentence that is not true

$$27 + 13 = 30$$

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Impossible

G5U2
L 7

It can never happen!

Roll 2 six –sided dice.

The total is 15.

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Magnitude Estimate

G5U2
L 7; 8

Estimates to what place the answer will reach

734 + 426 answer in thousands

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Maximum

G5U2
L 7

The largest number in a set of data.

4, 5, 5, 8, 11, 14, 21, 25, 26

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G5U2

L1

Median

the middle number in a data set when the numbers are put in order

4, 5, 5, 8, 11, 14, 21, 25, 26

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Where is the Median strip on the highway?

G5U2

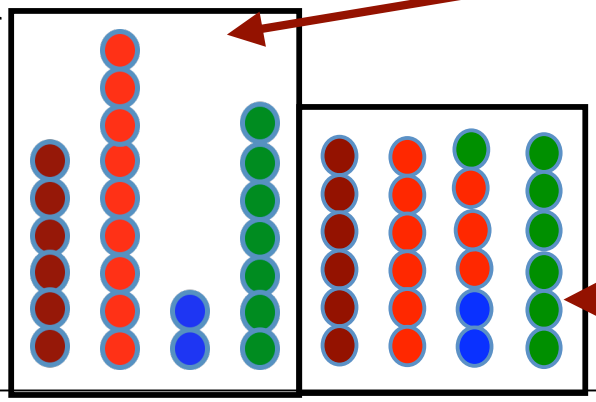
L5

Mean

Free Throws Made out of Ten

6, 9, 2, 7

sum of a set of data divided by the number of pieces of data



6 + 9 + 2 + 7 = 24

24 ÷ 4 = 6

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G5U2
L 5

Minimum

The smallest number in a set of data.

4, 5, 5, 8, 11, 14, 21, 25, 26

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G5U2
L 5

Mode

The number or value that occurs MOst often in a set of data.

4, 5, 5, 8, 11, 14, 21, 25, 26

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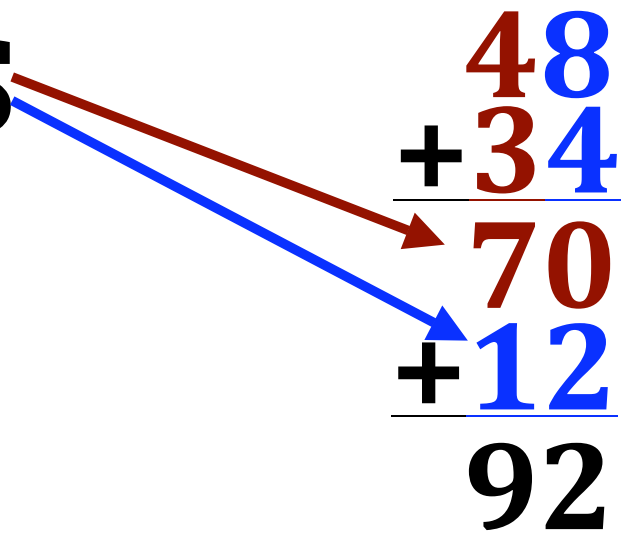
Partial Sums Algorithm



G5U2
L 2

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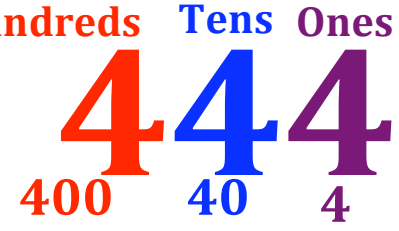
Place Value

Where a digit is placed determines its value.



G5U2
L 2

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Range

The numbers RANGE from 4 to 26.

G5U2
L 5

The difference between the maximum and minimum numbers.

$$26 - 4 = 22$$

4, 5, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

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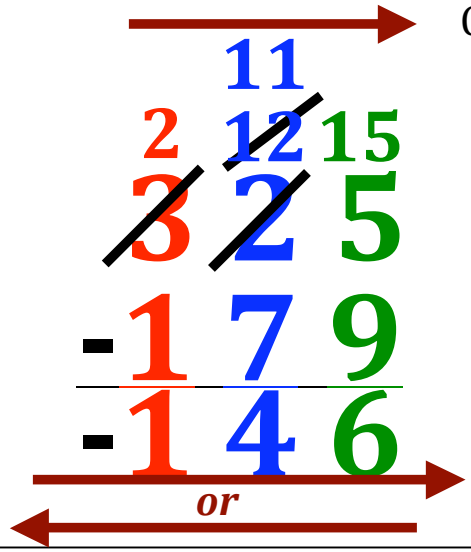
Trade - First Algorithm

Start on the left.

Trade first then subtract.



G5U2
L 3

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G5U2

L 4

True Number Sentence

Relation symbol correctly connects the 2 sides

$15 = 5 + 10$ $15 > 4 + 10$

$15 < 6 + 10$

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G5U2

L 2

Value

What is it worth? 347

Value of the 3 is 300

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G5U2
L 4

Variable

A letter or symbol that represents a number

$7 + n = 10$

n **represents 3**

G5U2
L 3

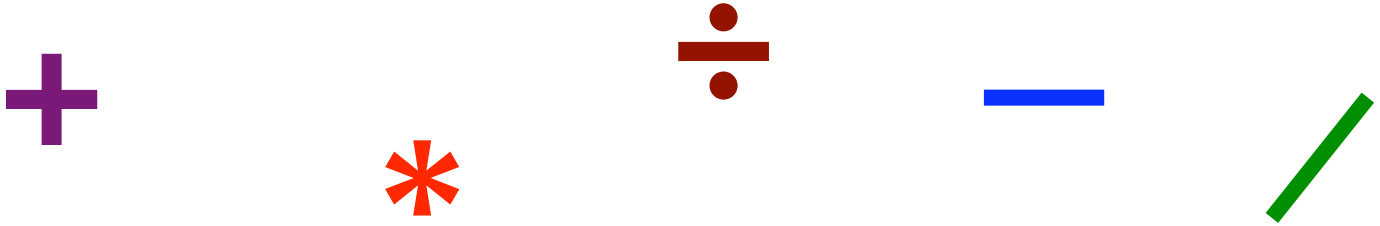
Minuend

Subtrahend

19 – 4 = 15

Operation Symbol

G5U2
L 4



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Partial Differences Method

G5U2
L 3

	9	3	9
	-3	5	8
900 – 300 =	6	0	0
30 – 50 =	-	2	0
9 – 8 =		+	1
	5	8	1

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Partial Products Method

G5U2
L 8

67
*53

50 x 60 → 3000
50 x 7 → 350
3 x 60 → 180
3 x 7 → 21

3,551

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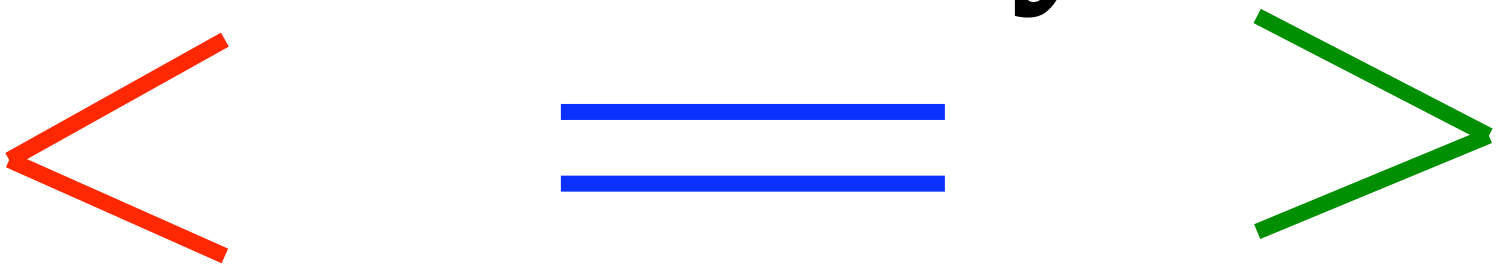
Relation Symbol

G5U2
L 4



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G5U2

L 10

Sample

Part of a group chosen to represent the whole group

sample of a fruit group

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G5U2

L 4

Solution

answer to a problem or number sentence

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Stimulus

G5U2
L 5

something that causes a response

Stimulus → Response

sneeze → eyes close

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Reaction Time

G5U2
L 5

the average time it takes you to respond to a stimulus

Slap at a mosquito.

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G5U2
L 4

Number Sentence

At least 2 numbers separated by a relation symbol

$6 + 3 > 8$ $6 \div 3 = 2$ $7 < 10$

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G5U2
L 4

Open Number Sentence

Variable in place of a number

$7 + n = 13$ $4 + \square = 13$

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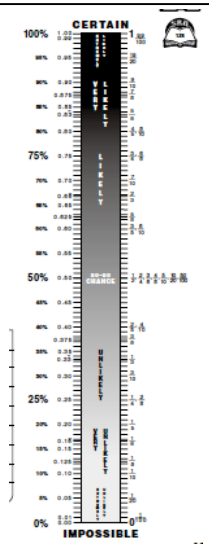
Probability Meter



G5U2
L 6

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