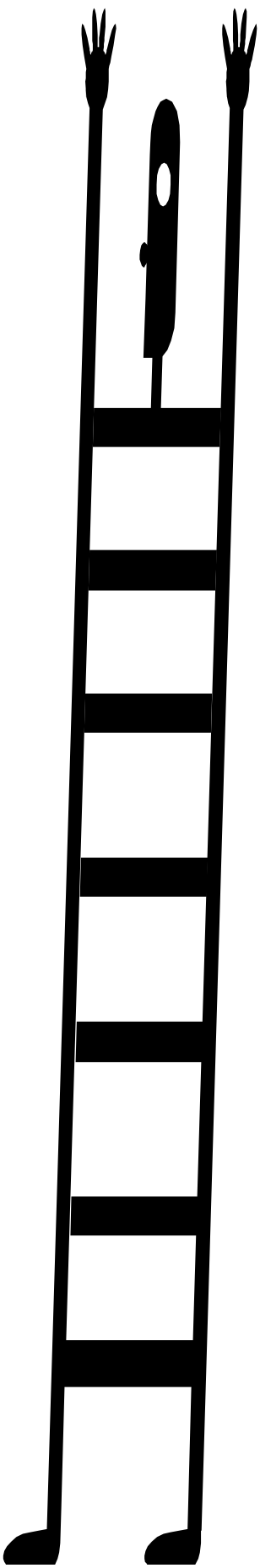
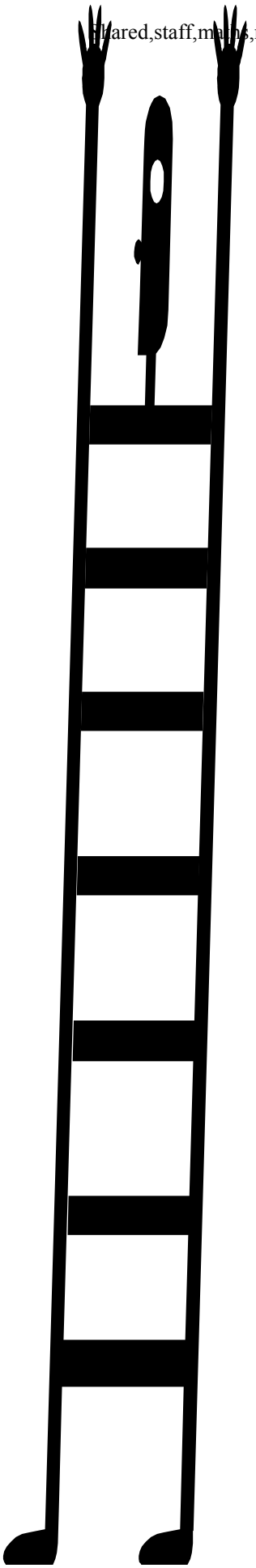
BASIC FACTS LADDER

Shared,staff,maths,resources



Step 18	• I know my 10+ subtraction facts between 10 and 20 eg:17-7, 19-__=10
Step 17	• I know my subtraction facts up to 10 eg: 9-5, 8- _=2
Step 16	• I know subtraction facts starting with 10 eg: 10-3, 10 - __=4
Step 15	• I know 10+ facts eg: 10+__=14, 10+5
Step 14	• I know halves of numbers up to 20 eg: 1/2 of 18= 8 is half of...
Step 13	• I know doubles between 10 and 20 eg: 7+7, 9+9
Step 12	• I know addition facts up to 10 eg: 2+7, 3+4
Step 11	• I know addition facts that make 10 eg: 6+4, 1+9
Stage 4	
Step 10	• I know my 5+ facts up to ten (10) 5+1, 5+2
Step 9	• I know halves of numbers to ten (10) eg: 1/2 0f 10 is 5
Stage 3	
Step 8	• I know the doubles to ten (10) 2+2, double 5 is, 4 is double what?
Step 7	• I know my facts to make five (5) eg: 3+2, 1+4
Step 6	• I can add numbers together to make numbers less than five (5) eg: 0+4, 1+2
Step 5	• I know my finger patterns to ten (10)
Step 4	• I can read and write the numerals 0 to 10
Stage 1-2	
Step 3	• I can read and write numerals from 1 to 5
Step 2	• I know patterns to five (5) eg: tens frames, dice, dominoes
Step 1	• I know my fingers to five (5)
Stage 0-1	



BASIC FACTS LADDER

Step 36
- I know multiplication facts with thousands eg: 10 x 1000, 40 x 1000

Step 35
- I know the multiplication facts with hundreds eg: 10 x 100, 100 x 70, 100 x 100

Step 34
- I know the multiplication facts with tens eg: 10 x 10, 20 x 10, ___ x 10 = 600

Step 33
- I can quickly recall the 8 & 9x tables

Step 32
- I can quickly recall the 6 & 7x tables

Step 31
- I can quickly recall the 3 & 4 x tables and corresponding division facts eg: 3x__=18 18 ÷__=3

Step 30
- I know the subtraction facts to 20 eg: 13-7

Stage 6

Step 29
- I know multiples of 100 that subtract from 1000 eg: 1000-600, 1000-___= 400

Step 28
- I know multiples of 100 that add to 1000 eg: 400+600, ___+700=1000

Step 27
- I can recall the divided by 5 facts quickly

Step 26
- I can recall the five times tables quickly

Step 25
- I can recall the divided by 10 facts quickly

Step 24
- I can recall the ten times tables quickly

Step 23
- I can recall the divided by 2 facts quickly

Step 22
- I can recall the two times tables quickly

Step 21
- I know my addition facts to 20 eg; 7+5, 9+8

Stage 5

Step 20
- I know multiples of 10 that subtract to 100 eg: 100-30=__, 100- __=50

Step 19
- I know multiples of 10 that add to 100 eg: 60+_=100, __+70=100

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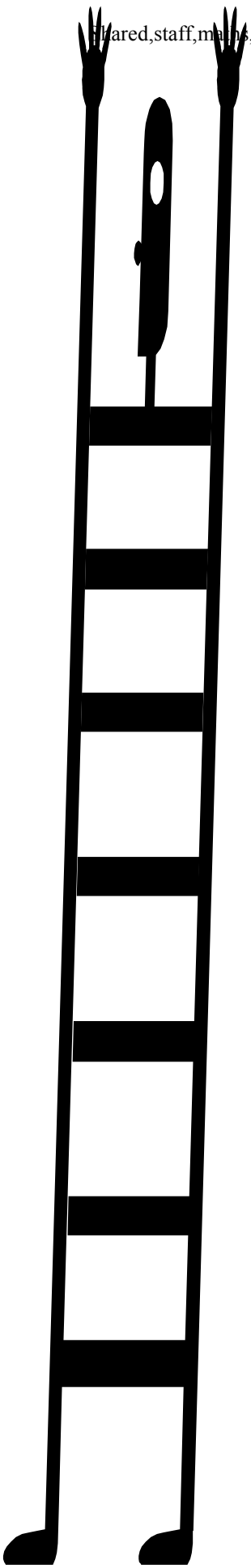

Step 50
- I know the simple powers of numbers eg: 2^3, 5^3, 10^2

Step 49
- I know the highest common factor of numbers to 100 eg: HCF of 15 and 40 is 5

Step 48
- I know the common factors of numbers to 100 eg: common factors of 4 & 12 are 1,2,4

Step 47
- I know the conversions for fractions to percentages and vice versa eg: 1/8 = 12.5%

Step 46
- I know the conversions for fractions to decimals and vice versa eg: 9/8 = 1.125

Step 45
- I know the conversions for decimals to percentage and vice versa eg: 1.125 = 112.5%

Step 44
- I know the divisibility rules for 3,4,6,8

Stage 8

Step 43
- I know the common multiples of numbers to 100.

Step 42
- I know the factors of numbers to 100 including prime numbers eg; factors of 36={1,2,3,4,6,9,12,18,36}

Step 41
- I know the square numbers to 100 and their corresponding roots. Eg: 7^2 is the same as 7x7=49, $\sqrt{49} = 7$

Step 40
- I know all my division facts up to the 10x table (Including remainders, e.g. 43 ÷ 5 = 8 r3)

Step 39
- I know the divisibility rule for 9 eg:801 is divisible by 9 since the digits add up to 9

Step 38
- I know the divisibility rules for 2, 5, & 10 eg: 475 is divisible by 5 since it ends in a 5

Step 37
- I know the fraction/decimal/percentage conversions for 1/2's, 1/3's, 1/4's, 1/5's, 1/10's eg: 3/4 = 0.75 = 75%

Stage 7