Number Bonds to 1

Decimal Number Bonds to 1

(Yr 4 = number bonds to 100)

E.g.

0.99 + 0.01 = 1 1 – 0.01 = 0.99
0.98 + 0.02 = 1 1 – 0.02 = 0.98
0.01 + 0.99 = 1 1 – 0.99 = 0.01
0 + 1 = 1 1 – 1 = 0

Decimal Number Bonds to 10

E.g.

9.99 + 0.01 = 10 10 – 0.01 = 9.99
9.98 + 0.02 = 10 10 – 0.02 = 9.98
0.01 + 9.99 = 10 10 – 9.99 = 0.01
0 + 10 = 10 10 – 10 = 0

Doubles and Halves to 10,000

Doubles and halves of decimals up to 2d.p

Half of 2.30 = 1.15
Double 3.45 = 6.90

Mental Maths Milestones

Year 5

Know all 12 x 12 and linked division facts.

7 x 8 = 56 8 x 7 = 56

56 ÷ 8 = 7 56 ÷7 = 8

Identify multiples and factors including factor pairs and common factors.

Recognise prime numbers up to 100 and recall primes up to 19.

Multiplying by 1000 and 10000

27 x 10000 = 270000

Dividing by 1000 and 10000

340000 ÷ 10000 = 34

Say and read numbers to 1,000,000

Round any number to the nearest 10, 100, 1000, 10,000 and 100,000

Partition 6 digit numbers

239,541 = 2 hundred thousands, 3 ten thousands, 9 thousands, 5 hundreds, 4 tens, 1 unit

State what each digit represents in numbers with 2 decimal places

E.g.

In the number 3.75, the 7 digit = 7 tenths and the 5 digit = 5 hundredths

Multiply a 3 digit number by a 1 digit number

273 x 3 =

200 x 3 = 600

70 x 3 = 210

3 x 3 = 9

= 819