

Heathmere School Tracking of Mental Arithmetic

Year 4

| Count in multiples of 25 | Count in multiples of 1,000 | Count in multiples of one hundredth | Count through 0 to negative numbers | Round numbers to the nearest multiple | | | 6 times tables | | 7 times tables | | 9 times tables | | 11 times tables | | 12 times tables | |
|--------------------------|-----------------------------|-------------------------------------|-------------------------------------|---------------------------------------|--------|----------|----------------|------|----------------|------|----------------|-------|-----------------|--------|-----------------|--------|
| | | | | Of 10 | Of 100 | Of 1,000 | x | ÷ | x | ÷ | x | ÷ | x | ÷ | x | ÷ |
| 0 | 0 | 0 | 4 | | | | 1x6 | 6÷6 | 1x7 | 7÷7 | 1x9 | 9÷9 | 1x11 | 11÷11 | 1x12 | 12÷12 |
| 25 | 1,000 | 0.01 | 3 | | | | 2x6 | 12÷6 | 2x7 | 14÷7 | 2x9 | 18÷9 | 2x11 | 22÷11 | 2x12 | 24÷12 |
| 50 | 2,000 | 0.02 | 2 | | | | 3x6 | 18÷6 | 3x7 | 21÷7 | 3x9 | 27÷9 | 3x11 | 33÷11 | 3x12 | 36÷12 |
| 75 | | 0.03 | 1 | | | | | | | | | | | | | |
| | | | 0 | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | | ... | -1 | | | | | | | | | | | | | |
| | 8,000 | | -2 | | | | 12x6 | 72÷6 | 12x7 | 84÷7 | 12x9 | 108÷9 | 12x11 | 132÷11 | 12x12 | 144÷12 |
| 950 | 9,000 | 0.08 | -3 | | | | | | | | | | | | | |
| 975 | 10,000 | 0.09 | -4 | | | | | | | | | | | | | |
| 1,000 | | 0.1 | | | | | | | | | | | | | | |
| | | 1.11 | | | | | | | | | | | | | | |
| | | 1.12 | | | | | | | | | | | | | | |

The first step is to learn these in sequence and then learn them out of sequence after so that the children can quickly recall the number facts that they need.

First step – 1x2=2, 2x2=4, 3x2=6, 4x2=8

Second Step – 7x2=14, 4x2=8, 9x2=18