## Year 3: Maths Knowledge Mat

| Counting from 0 |  |
| :---: | :---: |
| Counting in multiples of 4$0,4,8,12,16,20,24,28,32 \ldots$ |  |
| Counting in multiples of 8$0,8,16,24,32,40,48 \ldots$ |  |
| Counting in multiples of 50$0,50,10,150,20,250,300 \ldots$ |  |
| Counting in multiples of 100 <br> $0,100,200,300,400,500 \ldots$ |  |
| Vocabulary |  |
| 100 | hundred |
| 1000 | thousand |
| $+\quad-$ $X \quad \div$ | inverse operations |
| $\frac{1}{2}$ ¢ | Numerator |
| $\frac{1}{2}$ | Denominator |


| Place value | Thousands | Hundreds | Tens | Ones |  | Tenths |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1238 | 1 | 2 | 3 | 8 | $\bullet$ | 0 |
| 58.9 | 0 | 0 | 5 | 8 | $\bullet$ | 9 |
| 3050.4 | 3 | 0 | 5 | 0 | $\bullet$ | 4 |




[^0]| Multiplication Tables |  |  |  |
| :---: | :---: | :---: | :---: |
| $\mathbf{x}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{8}$ |
| $\mathbf{1}$ | 3 | 4 | 8 |
| $\mathbf{2}$ | $\mathbf{6}$ | 8 | 16 |
| $\mathbf{3}$ | 9 | 12 | 24 |
| $\mathbf{4}$ | 12 | 16 | 32 |
| $\mathbf{5}$ | 15 | 20 | 40 |
| $\mathbf{6}$ | 18 | 24 | 48 |
| $\mathbf{7}$ | 21 | 28 | 56 |
| $\mathbf{8}$ | 24 | 32 | 64 |
| $\mathbf{9}$ | 27 | 36 | 72 |
| $\mathbf{1 0}$ | 30 | 40 | 80 |
| $\mathbf{1 1}$ | 33 | 44 | 88 |
| $\mathbf{1 2}$ | 36 | 48 | 96 |

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## Time - Sticky Knowledge



The time is 10.10 in the morning or 22.10 in the evening in 24 hour time.
a.m. is from midnight until mid-day (noon)
1 to 12 in 24 hour clock time

## Roman numerals



This clock is showing $X$ to II or 10 to 2.

On some clocks the 4 is IIII and sometimes it is IV
p.m. is from mid-day (noon) until midnight
13 to 24 in 24 hour clock time

There are 365 days in a year.
A leap year has 366 days. This is February $29^{\text {th }}$ and happens every 4 years.



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