Put your entry in the CMC box by the end of school on:

## Tuesday $27^{\text {th }}$ November

## EYFS (Nursery and Reception)

## KS1 (Year 1 \& 2)

Calculate these sums carefully:

3-1 =
$5-2=$
$11-3=$
9-4 =
Challenge
$12-6=$

LKS2 (Year 3 \& 4)


Make three sums using only these numbers. You can only use each number once.

Without a calculator, work out the cheapest route from Los Angeles to Las Vegas:

| Los <br> Angeles | 7 | 6 | 1 |
| :---: | :---: | :---: | :---: |
| 6 | 9 | 3 | 7 |
| 8 | 5 | 4 | Las <br> Vegas |

You can move from square to square horizontally or vertically (but not diagonally). Each time you enter a square you have to pay the amount shown.

## UKS2 (Year 5 \& 6)



Convert each of your answers to a letter and make a word ( $A=1, B=2$ etc).
Also add up all of your answers and multiply the sum by eleven in your head.

| $\mathrm{A}=1$ | $\mathrm{~J}=10$ | $\mathrm{~S}=19$ |
| :--- | :--- | :--- |
| $\mathrm{~B}=2$ | $\mathrm{~K}=11$ | $\mathrm{~T}=20$ |
| $\mathrm{C}=3$ | $\mathrm{~L}=12$ | $\mathrm{U}=21$ |
| $\mathrm{D}=4$ | $\mathrm{M}=13$ | $\mathrm{~V}=22$ |
| $\mathrm{E}=5$ | $\mathrm{~N}=14$ | $\mathrm{~W}=23$ |
| $\mathrm{~F}=6$ | $\mathrm{O}=15$ | $\mathrm{X}=24$ |
| $\mathrm{G}=7$ | $\mathrm{P}=16$ | $\mathrm{Y}=25$ |
| $\mathrm{H}=8$ | $\mathrm{Q}=17$ | $\mathrm{Z}=26$ |
| $\mathrm{I}=9$ | $\mathrm{R}=18$ |  |

Name: $\qquad$ Year: $\qquad$
Working out space:
$\square$
Now explain how you solved the problem!

