## OUR FAMILY time
### LET'S HAVE SOME FUN

# Exercise the little grey cells with these family puzzles

WANT TO BE FAMOUS? SUBMIT PHOTOS OF YOU AND YOUR COMPLETED PAGE TO OUR WHATSAPP LINE (CAXTON JOBURG NORTH) AND YOU COULD BE FEATURED ON OUR FAMILY TIME PAGE.

**076 483 4906**

## WORD CONNECTS

DE · FF
IM · MA
RE · FF
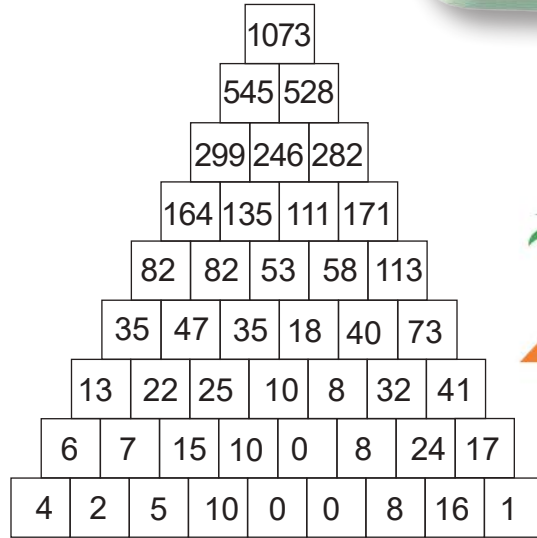CA · **PO** · TE
LI · SE
HO · SE
TO · FF
TI · SE

**How to play**
Link the letters to form eight seperate words. Each word must have "CI" in the center of the word, as in the example: "REPOSE".
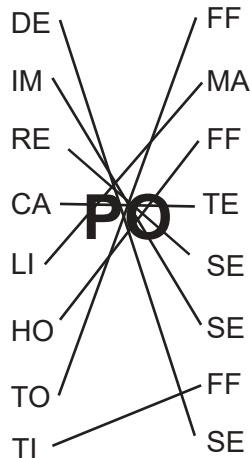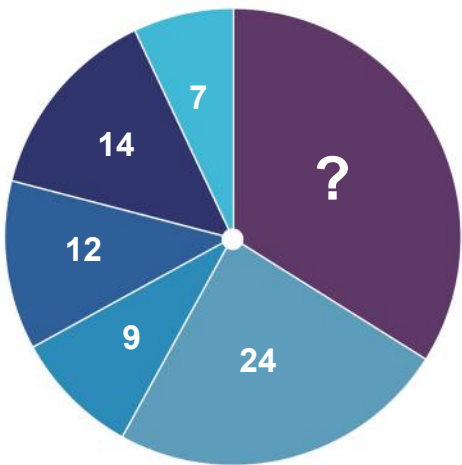
## PYRAMID MATHS

Add the adjacent numbers together and write their sum in the block above them. Continue until you have completed the pyramid. **Tip:** In some cases you may use the inverse operation of addition (ie.subtraction) to help find the numbers in the pyramid.
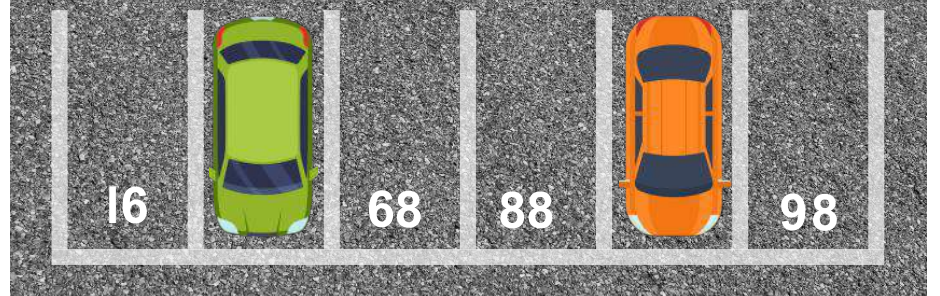
```
              1073
            545   528
          299   246   282
        164   135   111   171
       82   82   53   58   113
      35   47   35   18   40   73
    13   22   25   10   8   32   41
   6   7   15   10   0   8   24   17
  4   2   5   10   0   0   8   16   1
```

### Can you guess the missing number in the wheel?

7
14
12
9
24
?

Answer: 34. The wheel is a pie chart. each number and segment in th epie represents the percentage. So, 100 - 66 (total of the numbers) = 34.

### What are the two car's parking spot numbers?

16    68    88    98

**Answer: The orange car space is 87; the green car space is 90**. To solve this, you'll need to look at the puzzle from a different angle. What you see are inverted numbers; the actual sequence is 86, 87, 88, 89, 90, 91.

## SPEAKING IN RIDDLES

**Maths riddle:** I am thinking of a number. If you add 5 to it and then multiply the result by 3, you get 24. What number am I thinking of?

**Answer:** The number is **3** (3 + 5 = 8, 8 x 3 = 24)

Please help us find these items in the playground picture below. Once you have found the missing objects, have fun colouring in the picture.

fork · toothbrush · slice of pie · crown · bell · teacup · cotton candy · fish
sock · horseshoe · pencil · heart · candy cane · fishhook · boomerang · ring · golf club

## WORD SUDOKU

| U | O | L | A | T | S | K | B | C |
| A | K | T | C | B | O | U | L | S |
| S | C | B | L | U | K | A | T | O |
| K | S | U | B | L | A | C | O | T |
| C | L | A | T | O | U | B | S | K |
| T | T | O | K | S | C | L | A | U |
| T | A | K | S | C | L | O | U | B |
| O | B | C | U | A | T | S | K | L |
| L | U | S | O | K | B | T | C | A |

Solve this puzzle as you would a Sudoku. Fill the 9x9 grid with the word **BLACKOUTS**, without repeating any letters in th esame row and column. The letters must be placed in each row, column, and 3x3 block.

## SUDOKU

| 7 | 4 | 8 | 6 | 9 | 1 | 2 | 3 | 5 |
| 5 | 6 | 2 | 3 | 8 | 4 | 1 | 7 | 9 |
| 1 | 3 | 9 | 7 | 5 | 2 | 4 | 8 | 6 |
| 3 | 1 | 7 | 2 | 4 | 5 | 6 | 9 | 8 |
| 4 | 8 | 5 | 9 | 3 | 6 | 7 | 1 | 2 |
| 2 | 9 | 6 | 8 | 1 | 7 | 5 | 4 | 3 |
| 9 | 5 | 4 | 1 | 2 | 3 | 8 | 6 | 7 |
| 8 | 7 | 1 | 5 | 6 | 9 | 3 | 2 | 4 |
| 6 | 2 | 3 | 4 | 7 | 8 | 9 | 5 | 1 |

## FUTOSHIKI

Fill the grid with numbers 1-4.
- Each row and column must contain only one instance of each number.
- The numbers should satisfy the comparison signs - less than or greater than.

| 1 | 4 | 2 | 3 | 5 |
| 2 | 5 | 4 | 1 | 3 |
| 3 | 2 | 1 | 5 | 4 |
| 5 | 1 | 3 | 4 | 2 |
| 4 | 3 | 5 | 2 | 1 |