Friday Fun Challenge Solutions to 3 Dice in a Row:

TOTAL	TOP NUMBERS	FRONT NUMBERS
5	2 2 1	1 1 3
6	1 4 1	3 2 1
	2 2 2	4 1 1
7	1 4 2	2 1 4
	2 3 2	1 5 1
8	2 5 1	1 4 3
9	5 2 2	1 4 4
	3 3 3	1 2 6
	2 1 6	1 5 3
10	6 3 1	4 2 4
	3 6 1	2 3 5
	5 4 1	4 1 5
11	5 4 2	1 6 4
12	4 4 4	1 6 5
	5 6 1	4 5 3
	5 2 5	4 4 4
13	5 3 5	1 6 6
	6 2 5	3 4 6
14	5 4 5	3 5 6
	6 2 6	3 6 5
15	6 6 3	4 6 5
	5 6 4	4 5 6
	6 3 6	5 5 5
16	5 6 5	6 6 4

Total	Top	Side
7	142	223
9	243	351
9	252	333
9	423	216
10	622	343
10	262	154
12	516	624
12	426	264
14	662	554
14	446	554

This week's Challenge is explained below:

Buying a Balloon

Age 7 to 11 ★

Lolla bought a balloon at the circus. She gave the clown six coins to pay for it.

What could Lolla have paid for the balloon?

Which of your answers seems a reasonable amount to pay for a balloon?

Hint:

What is the largest amount of money we could make?
What is the smallest amount we could make?
How will we know when we have all the possibilities?
You could try all the combinations with just 1ps and 2ps first. What would happen if you have 5ps as well?

Remember to use a systematic method to recall all possibilities e.g.

						Total
1p	1p	1p	1p	1p	1p	6p
2p	1p	1p	1p	1p	1p	7p
2p	2p	1p	1p	1p	1p	8p