## **BEAM** Maths of the Month

## **Coins**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The money values you can make with just one coin are marked on this grid with a slash.

They are 1p, 2p, 5p, 10p, 20p, 50p, £1

1. Mark the money values can you make with just two coins – use a slash in a different corner.For example:

$$10p = 5p + 5p$$

$$60p = 50p + 10p$$





2. Which money values can you make with exactly three coins? Can you find a quick and efficient way to work it out?