

Dice Colouring.

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

Roll three dice. Suppose you got the numbers 2, 4, and 6. Use the numbers you got to make as many possible answers as you can.

$$\text{i.e. } 2 + 4 + 6 = 12$$

$$2 \times 6 + 4 = 16$$

$$26 + 4 = 30$$

Colour the numbers you made and write down how you made each number in your book.

When you have coloured as many numbers as you can, roll the dice again. This time use a different colour.

See how many rolls you must have to colour in every number. Are there any numbers you can't get?