

IS 42 A MULTIPLE OF 6?

- 1 The hundred square shows the multiples of 6 shaded: 6, 12, 18, 24, 30, 36, **42**.
- 2 We land exactly on **42**, so it is a multiple of 6.
- 3 Check the times fact: $6 \times 7 = 42$.

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

WARM-UP

On the hundred square shade each table in a different colour.

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

1. Shade every multiple of 6 up to 60: 6, 12, 18, 24, 30, 36, 42, 48, 54, 60.
2. Ring the numbers that are in both the 2 times table and the 3 times table up to 60.
3. Colour the multiples of 5 that are NOT multiples of 10: 5, 15, 25, 35, 45, 55.

PRACTICE

- 1 In a beanbag game the scoring rings count in fives: **5**, **10**, **15** ... Sam scores **20**. Is **20** a number you land on when counting in fives?
- 2 A hopscotch grid is numbered in fours. List the first six squares you land on when you hop in fours.
- 3 The board game path is marked every **6** steps. A counter jumps **6**, **12**, **18** ... Does it land on **30**?
- 4 At games club the blue counters land on multiples of **4** and the red counters on multiples of **6**. Which numbers up to **60** get both a blue and a red counter?

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. A multiple of 10 is also a multiple of 5. ☐
- b. A multiple of 4 is also a multiple of 8. ☐
- c. The units digit of a multiple of 5 is 0 or 5. ☐
- d. A multiple of 3 is also a multiple of 6. ☐

IRISH FACT 32 counties on the hundred square

The island of Ireland has **32 counties**. On a hundred square, **32** is hit by the **2 times**, **4 times** and **8 times** tables — three patterns meeting at one number.

Geography of Ireland



REFLECT

Which times-table pattern on the hundred square is easiest for you to spot?