

IS 63 A MULTIPLE OF 7?

- 1 Count up in sevens: 7, 14, 21, 28, 35, 42, 49, 56, **63**.
- 2 You land exactly on 63 after 9 steps, so $9 \times 7 = 63$.
- 3 63 is a multiple of 7.

WARM-UP

Shade the multiples on the hundred square.

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

1. Shade every multiple of 7 up to 70 (7, 14, 21, 28, 35, 42, 49, 56, 63, 70).
2. Then shade the multiples of 9 that appear: 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99.
3. Circle the numbers that are multiples of both 7 and 9 (such as 63).

PRACTICE

- 1 In a board game you hop **70** spaces on each of **9** turns. How many spaces do you cover in total?
- 2 A card game deals **8** cards to each of **7** players. How many cards are dealt altogether?
- 3 You score **5** points in each of **12** rounds of a playground game. What is your total score?
- 4 A video-game level awards **90** coins on each of **11** stages. How many coins can you collect?
- 5 In a skipping contest each of **8** children skips **99** times. How many skips is that in all?

? ALWAYS, SOMETIMES, NEVER

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

- a. Every multiple of 5 ends in a 0 or a 5. ☐
- b. A multiple of 9 has digits that add to 9 or a multiple of 9. ☐
- c. Multiples of 7 form straight columns on the hundred square. ☐
- d. An even number is a multiple of 4. ☐