

DOUBLE A 3-FACT TO MAKE A 6-FACT

- 1 Write the known 3-times fact $3 \times 4 = 12$.
- 2 Double the product: $12 + 12 = 24$.
- 3 Write the matching 6-times fact as $6 \times 4 = 24$.

WARM-UP

Shade and mark the multiples on the hundred square to show the patterns.

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 the multiples of 5 used in the stories: 10 and 15.
2. Shade the multiples of 3 used in the stories: 12 and 18.
3. Circle the multiples of 6 used in the stories: 12, 18 and 24.

PRACTICE

- 1 In a GAA warm-up two groups of 5 hurlers stretch side by side. How many hurlers stretch? _____
- 2 A camogie side scores 3 points in each of 7 matches. How many points do they score in total? _____
- 3 There are 5 footballers training on each of 3 pitches. How many footballers are training? _____
- 4 A junior squad stands in 2 lines of 6 players for drills. How many players stand in the lines? _____
- 5 The coach doubles the 3×3 fact to find the matching 6-times fact for the panel. What is 6×3 ? _____

? ALWAYS, SOMETIMES, NEVER

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

- a. Multiples of 5 end in 0 or 5. ☐
- b. Doubling a 3-times fact gives the matching 6-times fact. ☐
- c. Every multiple of 6 is also a multiple of 3. ☐
- d. Every multiple of 3 is also a multiple of 6. ☐