

**Finding factors - answers**

Number	Ways of making the number	Factors of the number
8	$1 \times 8$ (and $8 \times 1$ ) $2 \times 4$ (and $4 \times 2$ )	1, 2, 4, 8
9	$1 \times 9$ (and $9 \times 1$ ) $3 \times 3$	1, 3, 9
10	$1 \times 10$ (and $10 \times 1$ ) $2 \times 5$ (and $5 \times 2$ )	1, 2, 5, 10
12	$1 \times 12$ (and $12 \times 1$ ) $2 \times 6$ (and $6 \times 2$ ) $3 \times 4$ (and $4 \times 3$ )	1, 2, 3, 4, 6, 12
20	$1 \times 20$ (and $20 \times 1$ ) $2 \times 10$ (and $10 \times 2$ ) $4 \times 5$ (and $5 \times 4$ )	1, 2, 4, 5, 10, 20

**We can see that:**

- 12 and 20 both have 6 factors
- 24 has 8 factors: 1, 2, 3, 4, 6, 8, 12, 24