11/11/21
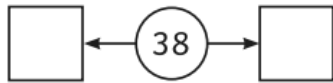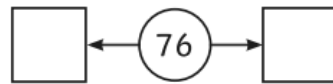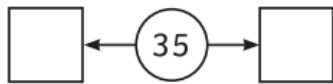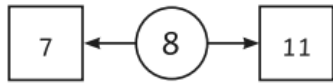
Year 5/6 Maths Homework

Year 5 | • Prime Numbers

Can you find the nearest prime number before and after each number below?

The first one is done for you.

| 7 | ← (8) → | 11 |

| ☐ | ← (42) → | ☐ |

| ☐ | ← (35) → | ☐ |

| ☐ | ← (76) → | ☐ |

| ☐ | ← (38) → | ☐ |

| ☐ | ← (95) → | ☐ |

| ☐ | ← (18) → | ☐ |

| ☐ | ← (88) → | ☐ |
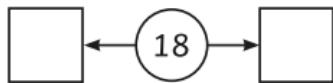
Prime Numbers Challenge

Shade all the prime numbers to 100.

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

Year 6

- **Common multiple**
- A common multiple is a whole number that is a shared multiple of each set of numbers. The multiples that are common

Multiples of 3 — — Multiples of 4

3, 6, 9
15, 18, 21
27, 30, 33

12

24
36

4, 8
16, 20
28, 32
40

Common multiples
of 3 and 4
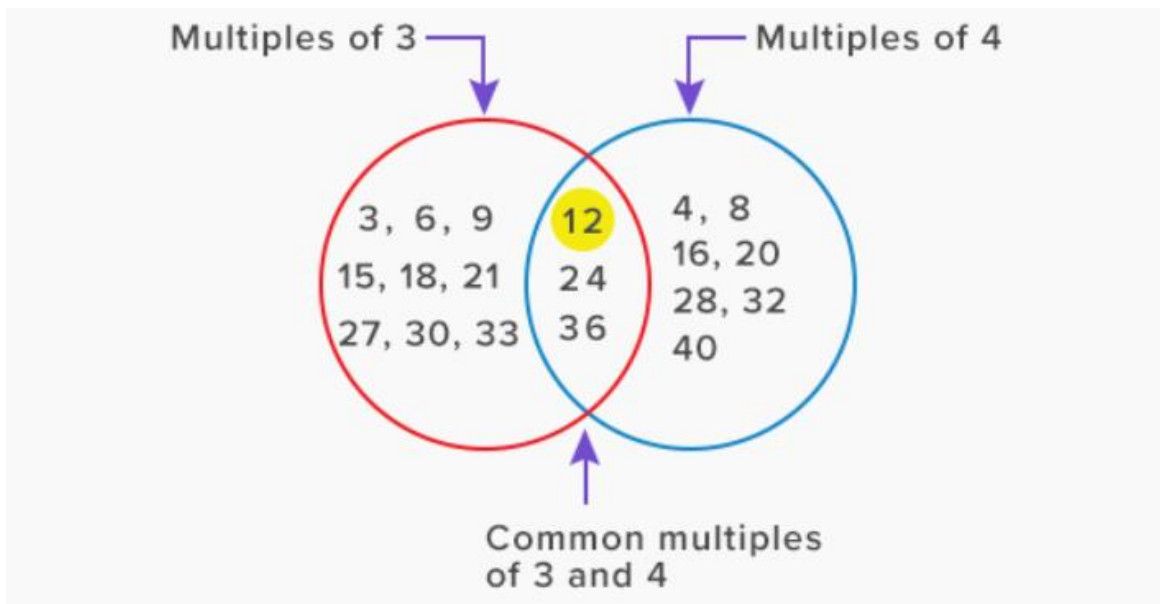
Find a common factor of the following pairs of numbers:

Example	16 and 20
	4
Q1	15 and 25
Q2	60 and 80
Q3	26 and 48
Q4	40 and 68
Q5	60 and 90
Q6	120 and 140
Q7	32 and 78
Q8	20 and 88