1) List all the factors of each number in the box below it. Then list the common factors for each number pair in the larger space below that.

a)

12	15

b)

24	36

c)

81	60

d)

45	16

e)

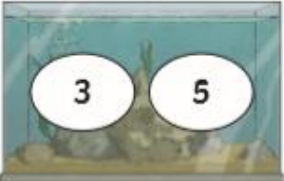| 56	20

f)

28	48

1)

a) Use one colour to shade in the first five multiples of 4 and a different colour to shade in the first five multiples of 6. What common multiple(s) do they have?

b) Before shading in any other multiples, can you use the lowest common multiple to work out another three common multiples of 4 and 6?

c) Now shade in all the multiples of 4 and all the multiples of 6 on the 100 square. List all the remaining common multiples of 4 and 6.
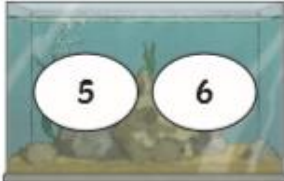
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2) Give three common multiples for each pair of numbers.

a) 3   5

b) 5   6

c) 3   7

d) 2   5

e) 4   7

f) 5   8
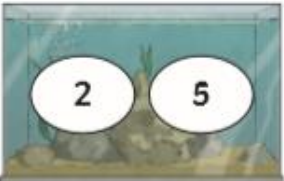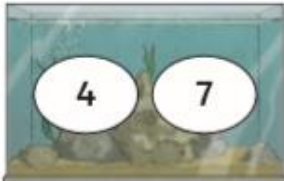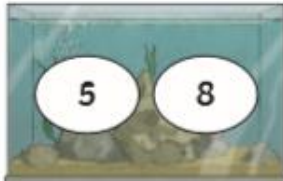
1) Identify all the prime numbers between each pair of numbers.

a) 1 and 10 _____

b) 5 and 20 _____

c) 15 and 45 _____

d) 20 and 50 _____

e) 30 and 70 _____

f) 50 and 90 _____