

**5F Maths Set**  
**Prime Numbers**

**Answers**

**1a. 3, 17, 23 and 31**

**2a. 35, 12 and 38**

**3a. 33, 10 and 31**

**1b. 2, 11 and 37**

**2b. 60, 21, 32 and 77**

**3b. 42, 23 and 5**

Use the 100 Square to answer these questions about prime numbers.

Answer the questions below.

- a) Which prime numbers end with the digit 1?  
**11, 31, 41, 61 and 71 have the digit 1 in the ones place.**
- b) Which prime numbers end with the digit 3?  
**3, 13, 23, 43, 53, 73 and 83 end with the digit 3.**
- c) Which prime numbers end with the digit 7?  
**7, 17, 37, 47, 67 and 97 end with the digit 7.**
- d) Which prime numbers end with the digit 9?  
**19, 29, 59, 79 and 89 have the digit 9 in the ones place.**
- e) Why is there only one prime number that has the digit 5 in the ones place?  
**All two-digit (or greater) numbers with 5 in the ones place are in the 5 times table.**
- f) How many even-numbered prime numbers are there? Why is that?  
**There is only one even-numbered prime number, 2; all others have 2 as a factor!**



**MathShed**

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