

Year 5 Prime Numbers Challenge Answers

This information poster shows you all the prime numbers you should have found using Eratosthenes's instructions.

PRIME NUMBERS

The numbers shown in yellow are all prime numbers. 1 is not a prime number!

To test if a number is a prime, divide it by 2, 3, 5, 7, 9 or 11.

Prime numbers are numbers (greater than 1) that cannot be divided by any number except themselves and one.

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

✓ **7**
7 is a prime number because it can only be divided by 7 and 1.

✗ **70**
70 is not a prime number because it can be divided by 70, 35, 14, 10, 7, 5, 2 and 1!

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You should have noticed that the numbers you used (2, 3, 5, and 7) are all prime numbers.