



NASHVILLE SCHOOL VALLE DE ANGELES



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MATH 4th Grade Mr. Javier Hernández

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Student's Name: _____

Divisibility Rules

1. Is the number to the left of each row divisible by the number at the top each column? Write yes or not in each box.

	2	3	4	5	6	9
95	No	No	No	Yes	No	No
12						
28						
58						
50						
52						

(Example)

Divisions

2. Solve the following divisions, on the back of the page.

a) $2 \sqrt{1453}$

b) $4 \sqrt{4966}$

c) $7 \sqrt{778}$

Prime Numbers and the Sieve of Eratosthenes

3. To find all of the prime numbers, start by crossing out all that are multiples of 2. Do the same for 3, 5, and so on, until the only numbers left are primes.

	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

If you need help on the topics, watch the following videos:

<https://www.youtube.com/watch?v=pHzPjFpOgLS> - Divisibility rules

<https://www.youtube.com/watch?v=FBbHzy7v2Kg> - Prime Numbers

<https://www.youtube.com/watch?v=VvQelzRQe7k> - Divisions

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