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900

8,763,771,905 - 9,000,000,000

Module 1 Lesson 2

I will be able to identify prime and composite numbers.

I will be able to find the prime factorization of numbers.

Composite Number-

Whole numbers that are divisible by 1, itself, and at least one other number

Example: 4, 6
(1, 4, 2) (1, 3, 2, 6)

Prime Number-

Whole number that has exactly 2 factors, 1 and itself

Example: 7, 17
(1, 7) (1, 17)

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

Factor-

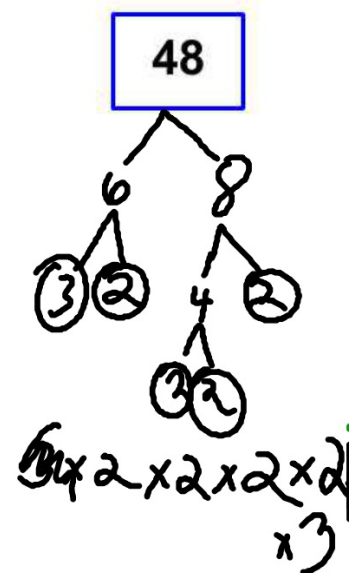
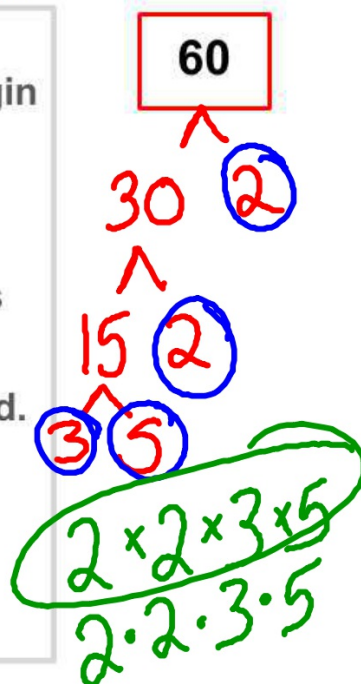
The number you multiply to get a product

Example:

Prime Factorization

Steps

1. Create a Factor Tree- Begin by choosing a pair of numbers that multiply to get the starting number
2. Circle the Prime numbers
3. Once you have all Prime numbers, you are finished.
4. Write the factors in numerical order, with multiplication signs between each number



Practice

Steps

1. Create a Factor Tree- Begin by choosing a pair of numbers that multiply to get the starting number
2. Circle the Prime numbers
3. Once you have all Prime numbers, you are finished.
4. Write the factors in numerical order, with multiplication signs between each number

