

Name: _____

Date: _____

Chain Links



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

Your Goal: Cross over every number on the chart, linking numbers together.

1. Randomly select and circle a starting number.
2. Link that number to another on the chart by stating how they are linked (ex. 5 is linked to 25 because 25 is a multiple of 5.)
3. Cross out the linked number and link this mathematically to another one.
4. Play continues until all numbers are linked or you are unable to link numbers any more.
5. You may not link with addition and subtraction (more than/less than).

Challenge: limit the number of times a link can be used. (Example: both are multiples of two could be used only three times.)

Practice Grids:



1	2	3	4	5	6	7	8	9	10
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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
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91	92	93	94	95	96	97	98	99	100

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61	62	63	64	65	66	67	68	69	70
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91	92	93	94	95	96	97	98	99	100

Do you know your number theory?



Grade 5	Grade 6
Multiples	Factors
Doubles or halves	Multiples
Product	Prime Numbers
Related division facts	Composite Numbers

Criteria to show my understanding:

My links:

1	2	3	4	5	6	7	8	9	10
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I would like you to notice:
