

Math Skills Mind Benders

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Name: _____ Date: _____

Skip count/Multiplication warm-up

Level: 4 5 6 7 8

Simply A-Mazing

Directions: Read the rhymes, then draw lines to show the path Gordie needs to follow to reach his goal. Gordie can move one square at a time, up, down, across, or diagonally.



A. Start with three, add three, and then, keep counting by three to the very end.

START	7	9	12	6	12
3	6	24	15	57	54
16	27	21	18	51	60
33	30	42	45	48	63
36	39	72	69	66	43
27	75	78	81	84	END



B. Four plus four, and then four more. Keep counting by four 'til you reach the door.

9	46	18	16	4	START
16	21	20	12	8	10
4	24	25	36	40	30
54	28	32	64	44	48
76	72	68	60	56	52
84	80	74	8	42	24

Today's Riddle: Why was the gorilla surprised when corn grew out of his ears?

Name: _____ Date: _____

Sequence decimals

Level: 4 5 6 7 8

Riddle Me

Directions: Number the decimals in order from lowest to highest on the blanks below the chart. Then, to answer the riddle, write the letters that match the numbers in order.

0.3	0.1	0.7	0.5	0.9	0.6	0.4	0.8	0.2	0.53	0.76	0.41	0.99
h	i	b	p	m	o	a	e	t	r	l	d	s

_____ 1 _____

Riddle #1: Why did the math book go to the doctor?

$\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ $\frac{5}{5}$

 $\frac{6}{6}$ $\frac{7}{7}$ $\frac{8}{8}$ $\frac{9}{9}$ $\frac{10}{10}$ $\frac{11}{11}$ $\frac{12}{12}$ $\frac{13}{13}$!



0.93	0.33	0.79	0.42	0.11	0.97	0.64	0.58	0.16	0.81	0.24	0.45	0.271	0.59
e	o	h	u	f	e	t	o	i	r	v	t	e	f

Riddle #2: Do you know how many people have trouble with fractions?

$\frac{1}{1}$ $\frac{2}{2}$ $\frac{3}{3}$ $\frac{4}{4}$ $\frac{5}{5}$ $\frac{6}{6}$ $\frac{7}{7}$

 $\frac{8}{8}$ $\frac{9}{9}$ $\frac{10}{10}$ $\frac{11}{11}$ $\frac{12}{12}$ $\frac{13}{13}$ $\frac{14}{14}$



Name: _____ Date: _____

Find prime numbers

Level: 4 5 6 7 8

Prime Time

Directions: Follow the steps below to find all the prime numbers from 1 to 100.

A. Cross out all numbers that can be divided evenly by 2, except 2. Circle the 1 and the 2.

1 is a prime number because it can only be divided by itself.

2 is a prime number because it can only be divided evenly by itself and 1.

B. Cross out all numbers that can be divided evenly by 3, except 3. Circle the 3.

C. Is 3 a prime number? _____ Why or why not? _____

D. Is 4 a prime number? _____ Why or why not? _____

E. Since 4 has already been crossed out, go on to 5. Cross out all numbers that can be divided evenly by 5, except 5. Circle the 5.

F. Continue until all prime numbers are circled.

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	★	★