

COUNTING

ANSWERS - PAGE 1

← ADD OR TAKE AWAY 1 →

0	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

↑ ADD OR TAKE AWAY 10 ↓

USE THE 100 SQUARE TO FILL IN THE CORRECT NUMBERS.

- | | | |
|----|----|---|
| 1 | 2 | 3 |
| 22 | 13 | |
| | 23 | |
- | | | | |
|----|----|----|----|
| 14 | 15 | 16 | 17 |
| 24 | 25 | 26 | |
| | 35 | 36 | 37 |
- | | | | | | | | |
|----|----|----|----|----|----|----|----|
| 62 | 63 | 64 | 65 | 66 | | | |
| | | | | 76 | | | |
| | | | | 85 | 86 | | |
| | | | | 93 | 94 | 95 | 96 |
- | | | | |
|----|----|----|----|
| 30 | 31 | 32 | 33 |
| | | 43 | 44 |
| | 52 | 53 | |
| 61 | 62 | | |
- | | | | | |
|----|----|----|----|----|
| 54 | 55 | | 57 | |
| | 65 | | 67 | 68 |
| | 75 | 76 | 77 | |
- | | | | | | |
|----|----|----|----|----|----|
| 21 | 22 | 23 | 24 | 25 | |
| | | | 34 | 35 | |
| 41 | 42 | 43 | 44 | | |
| | | | 53 | 54 | 55 |
- | | | | |
|----|----|----|----|
| 4 | | | |
| | 15 | | |
| | | 26 | |
| | | | 37 |
| 45 | 46 | | |
- | | | | |
|----|----|----|----|
| 40 | | | 43 |
| 50 | | | 53 |
| 60 | 61 | 62 | 63 |
| 70 | | | 73 |
| 80 | | | 83 |
- | | | | | | |
|----|----|----|----|----|----|
| 13 | | | | 17 | |
| | 24 | | | | 26 |
| | | | 35 | | |
| | | 44 | | 46 | |
| 53 | | | | | 57 |

NUMBER PATTERNS

ANSWERS - PAGE 2

COUNTING BY TWO

2	4	6	8	10	12	14	16
---	---	---	---	----	----	----	----

+2 +2 +2 +2 +2 +2 +2

COUNTING BY 6

18	24	30	36	42	48	54	60
----	----	----	----	----	----	----	----

+6 +6 +6 +6 +6 +6 +6

COMPLETE EACH PATTERN BY FILLING IN THE EMPTY SQUARES.

- | | | | | | | | | |
|---|---|----|----|----|----|----|----|----|
| 5 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 |
|---|---|----|----|----|----|----|----|----|

WHAT IS THE PATTERN? ADD 3
- | | | | | | | | |
|----|----|----|----|----|----|----|----|
| 23 | 33 | 43 | 53 | 63 | 73 | 83 | 93 |
|----|----|----|----|----|----|----|----|

WHAT IS THE PATTERN? ADD 10
- | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 10 | 17 | 24 | 31 | 38 | 45 | 52 | 59 | 66 |
|----|----|----|----|----|----|----|----|----|

WHAT IS THE PATTERN? ADD 7
- | | | | | | | | |
|----|----|----|----|----|----|----|----|
| 29 | 38 | 47 | 56 | 65 | 74 | 83 | 92 |
|----|----|----|----|----|----|----|----|

WHAT IS THE PATTERN? ADD 9
- | | | | | |
|---|---|----|----|----|
| 4 | 8 | 12 | 16 | 20 |
|---|---|----|----|----|
- | | | | | |
|----|----|----|----|----|
| 20 | 30 | 40 | 50 | 60 |
|----|----|----|----|----|
- | | | | | |
|----|----|----|----|----|
| 36 | 39 | 42 | 45 | 48 |
|----|----|----|----|----|
- | | | | | |
|----|----|----|----|----|
| 37 | 44 | 51 | 58 | 65 |
|----|----|----|----|----|
- | | | | | |
|----|----|----|----|----|
| 13 | 18 | 23 | 28 | 33 |
|----|----|----|----|----|
- | | | | | |
|---|----|----|----|----|
| 8 | 10 | 12 | 14 | 16 |
|---|----|----|----|----|

11. It takes Julian's spaceship one hour to reach its maximum speed. The ship's speed doubles every ten minutes and starts off at 60 miles per hour. What is the spaceship's maximum speed?

MINUTES						
START - 0 minutes	10	20	30	40	50	FULL SPEED - 1 hour
60	120	240	480	960	1920	3,840 MPH

NUMBER PUZZLES

ANSWERS - PAGE 3

Horizontal: 43, 49, 55, 61

Vertical: 43, 49, 55

Horizontal: 43, 46, 49

Vertical: 49, 52, 55, 58

Horizontal: 55, 58, 61

COMPLETE THE PATTERNS BY FILLING IN THE EMPTY SQUARES.

- | | | | | |
|----|----|----|----|----|
| 0 | 2 | 4 | 6 | |
| | 7 | 9 | 11 | |
| 10 | 12 | 14 | | |
| | 17 | 19 | 21 | |
| 20 | 22 | 24 | 26 | 28 |
- | | | | | |
|---|----|----|----|----|
| 0 | 4 | 8 | 12 | 16 |
| | 15 | | | |
| | | 30 | | |
| | | | 45 | |
| | | | | 60 |
- | | | | | |
|----|----|----|----|----|
| 7 | 17 | | | |
| 9 | | 29 | | |
| 11 | | | 41 | |
| | 23 | | | 53 |
| | | | 35 | |
- | | | | |
|----|----|----|----|
| 32 | 37 | 42 | |
| | 45 | | |
| | 53 | 58 | 63 |
| | | | 71 |
| 64 | 69 | 74 | 79 |
- | | | | | |
|----|----|----|----|----|
| 19 | 26 | | | |
| | 29 | 36 | | |
| | | 39 | 46 | 53 |
| 28 | 35 | 42 | | |
| 31 | | | | |
- | | | | |
|----|----|----|----|
| 44 | | | 62 |
| | 61 | | 73 |
| | | 78 | 84 |
| | 83 | | 95 |
| 88 | | | |
- | | | | | |
|----|----|----|----|----|
| 29 | 31 | 33 | 35 | 37 |
| 42 | | | | 50 |
| 55 | | 59 | | 63 |
| 68 | | | | 76 |
| 81 | 83 | 85 | 87 | 89 |
- | | | | |
|----|----|----|----|
| 52 | 60 | 68 | 76 |
| | 63 | | |
| | | 74 | |
| 61 | 69 | 77 | 85 |
| 64 | | | 88 |
- | | | | | |
|----|----|----|----|----|
| 5 | 25 | 45 | 65 | 85 |
| | 30 | 50 | 70 | 90 |
| | 35 | 55 | 75 | 95 |
| 20 | 40 | 60 | 80 | |
| 25 | 45 | 65 | 85 | |