

Partitioning Puzzle!

Can you think of different ways to partition these numbers?

Example:

53

50 3

40 13

30 23

10 43

20 33

1.

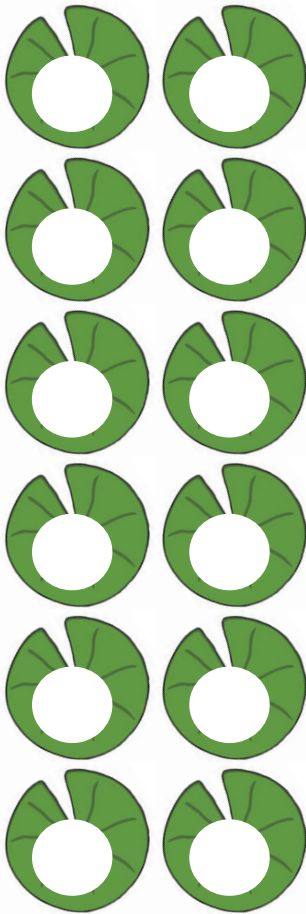
37

2.

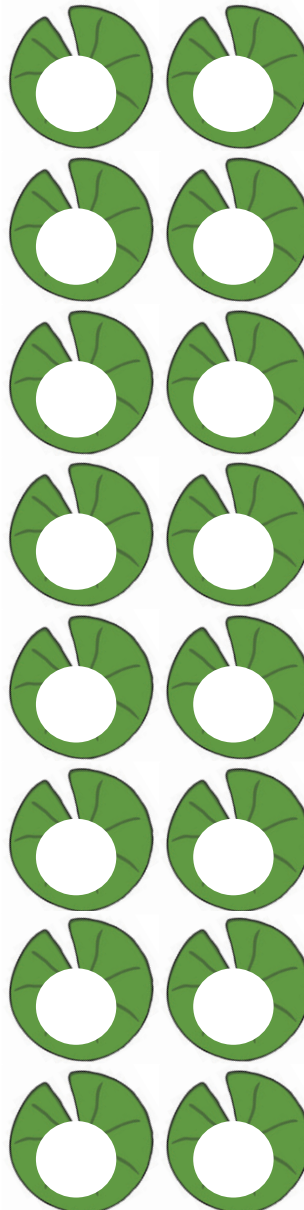
49

Partitioning Puzzle!

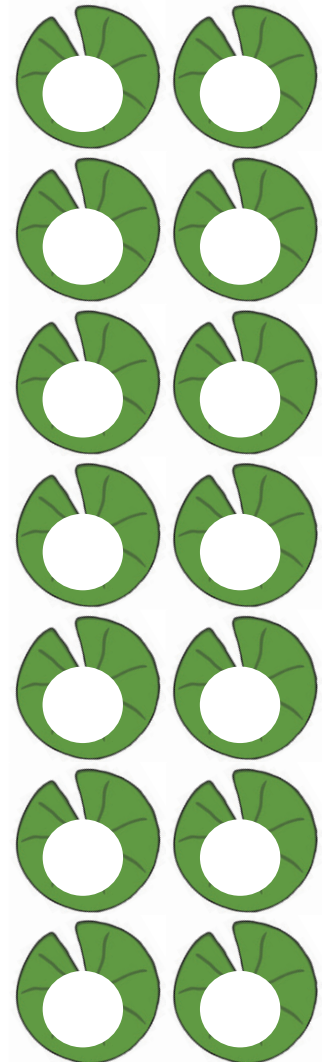
3.



4.

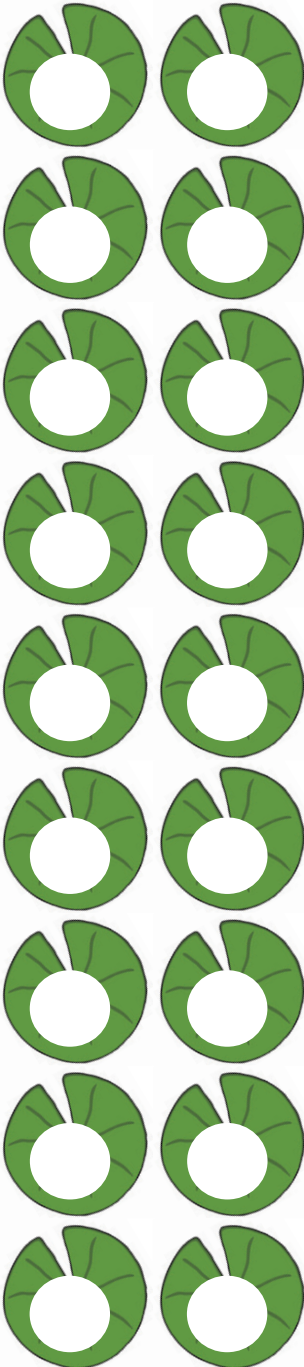


5.



Partitioning Puzzle!

6.



7.



Challenge: How could you partition this number?



Partitioning Puzzle Answers

1) 37:

30 and 7

20 and 17

10 and 27

2) 49:

40 and 9

30 and 19

20 and 29

10 and 39

3) 61:

60 and 1

50 and 11

40 and 21

30 and 31

20 and 41

10 and 51

4) 88

80 and 8

70 and 18

60 and 28

50 and 38

40 and 48

30 and 58

20 and 68

10 and 78

5) 75

70 and 5

60 and 15

50 and 25

40 and 35

30 and 45

20 and 55

10 and 65

6) 99

90 and 9

80 and 19

70 and 29

60 and 39

50 and 49

40 and 59

30 and 69

20 and 79

10 and 89

7) 124

100, 20 and 4

100, 10 and 14

90 and 34,

80 and 44

70 and 54

60 and 64

50 and 74

40 and 84

30 and 94

20 and 104

10 and 114