

Henny

$$3 + 5 + 7 + 5 + 5 + 5 + 3 + 1 + 1 + 1 + 1 = 37 \text{ 11 numbers } \times$$

30 33 34 35 37

$$7 + 7 + 7 + 7 + 3 + 1 + 1 + 1 + 3 = 37 \text{ 9 numbers } \times$$

28 31 32 33 34

$$7 + 1 + 1 + 1 + 5 + 5 + 5 + 7 + 1 + 1 + 5 = 37 \text{ 11 numbers } \times$$

10 18 20 25 32 3

$$3 + 3 + 3 + 3 + 3 + 5 + 5 + 5 + 7 = 37 \text{ 9 numbers } \times$$

18 20 26 30 37

$$3 + 5 + 5 + 7 + 1 + 1 + 7 + 5 + 1 + 1 = 36 \times$$

13 20 21 22 29 34 35 36

$$5 + 5 + 5 + 5 + 5 + 7 + 3 + 1 + 1 = 38 \times$$

32 35

$$7 + 7 + 7 + 5 + 3 + 3 + 3 + 1 + 1$$

21 26 29 32 35 36 37

$$1 + 1 + 1 + 1 + 1 + 3 + 7 + 7 + 7 + 7 = 36 \times$$

5 8 15 22 29 36

$$1 + 1 + 1 + 1 + 1 + 5 + 7 + 7 + 7 + 7 =$$

5 10 17 24 31 38

$$5 + 5 + 5 + 5 + 5 + 7 + 3 + 1 + 1 + 5 = 37 \times$$

= 11 numbers X

$$7 + 7 + 7 + 5 + 1 + 3 + 5 + 3 + 1 + 1$$

21 26 27 30 35 38 39 40

11 numbers X

$$7 + 7 + 5 + 5 + 3 + 3 + 1 + 1 + 5 + 1 = 30$$

14 24 30 31 32

= 37 numbers X

$$1 + 3 + 3 + 3 + 3 + 3 + 3 + 1 + 7 + 7 = 27$$
$$5 + 5 + 5 + 5 + 5 + 5 + 1 + 1 + 1 + 3 = 37$$

30 32 34 37 numbers

37 numbers

1 = 36 X

I believe an even number of odd numbers will always make an even number. Therefore with 10 numbers it is impossible to make 37.

38 X

by Henry

= 36 X

75 = 37 X