

# OGUN DIGICLASS

SUBJECT: MATHEMATICS

TOPIC: ROUNDING UP OR  
DOWN TO THE NEAREST 10



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# Learning Objective

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Determine whether to  
round a number up or  
down

# What is Rounding?

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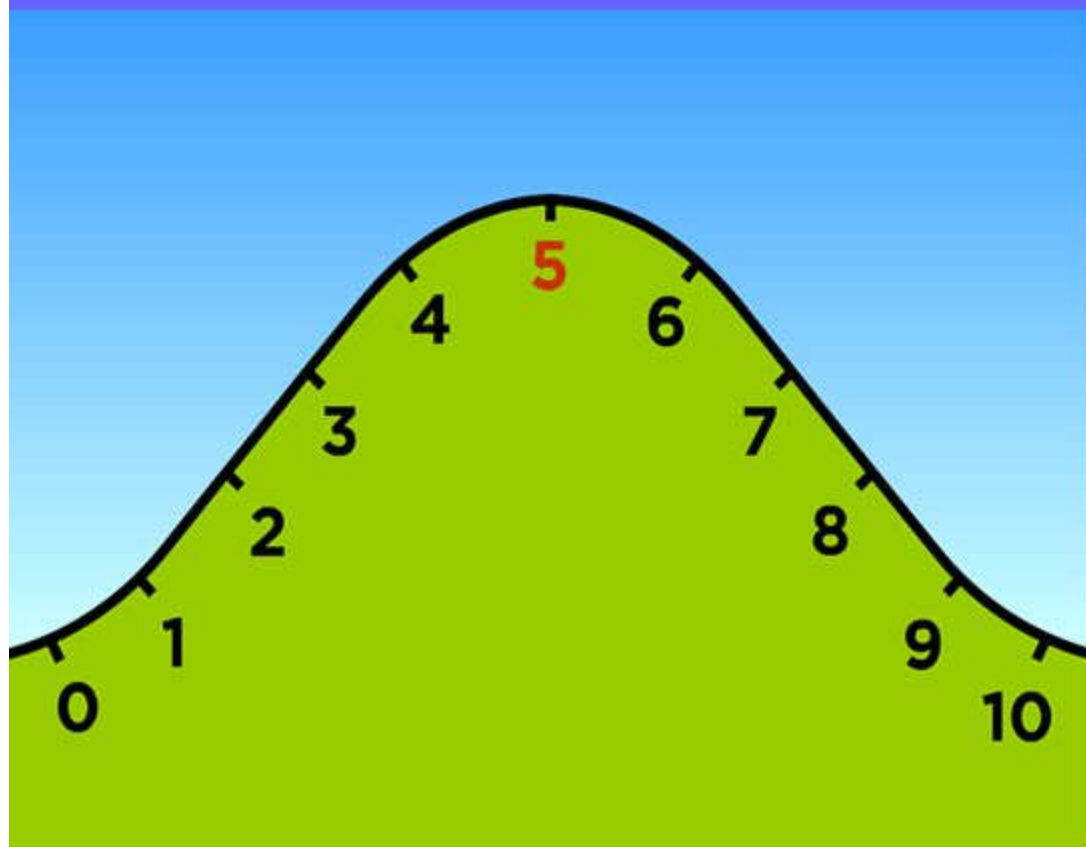
Sometimes we want to add numbers in our head but the numbers are a bit tricky.

We can estimate (take a good guess) the answer


It is easier if we use numbers that are in 10s

**Rounding** means we find the nearest 10

# ROUNDING NUMBERS



Rounding Numbers

5 or more,   
let it soar.

4 or less,   
let it rest.

# The rules of rounding off to the nearest 10

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If the digit in the unit place is between 0 -4 then the unit digit is replaced by zero

2, if the digit in the unit place is 5 to 9 but less than 10 then the unit place is replaced by 0 and the tens

Place is increased by 1.



Up or Down  
Does the number end in...

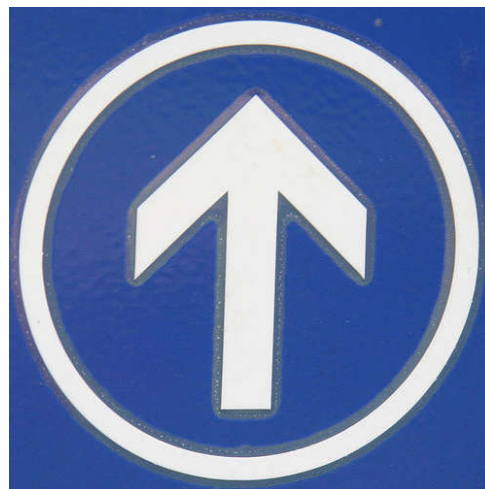


Round down

- 1, 2, 3, 4

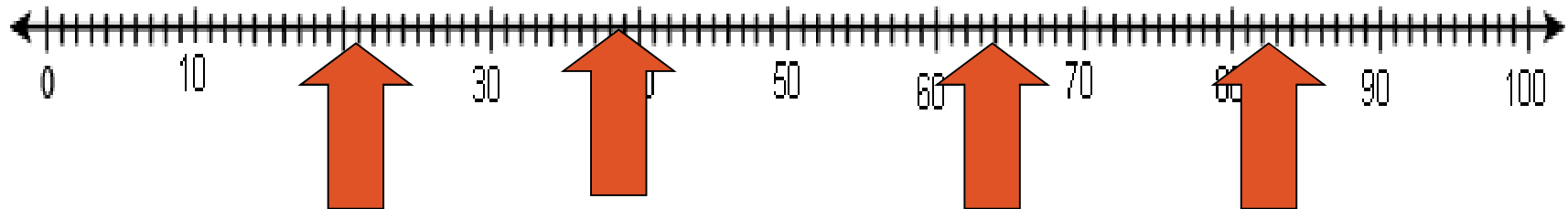
Does the number end in...

- 5, 6, 7, 8, 9



Round up

Lets look at a number line...



Where do these numbers go?

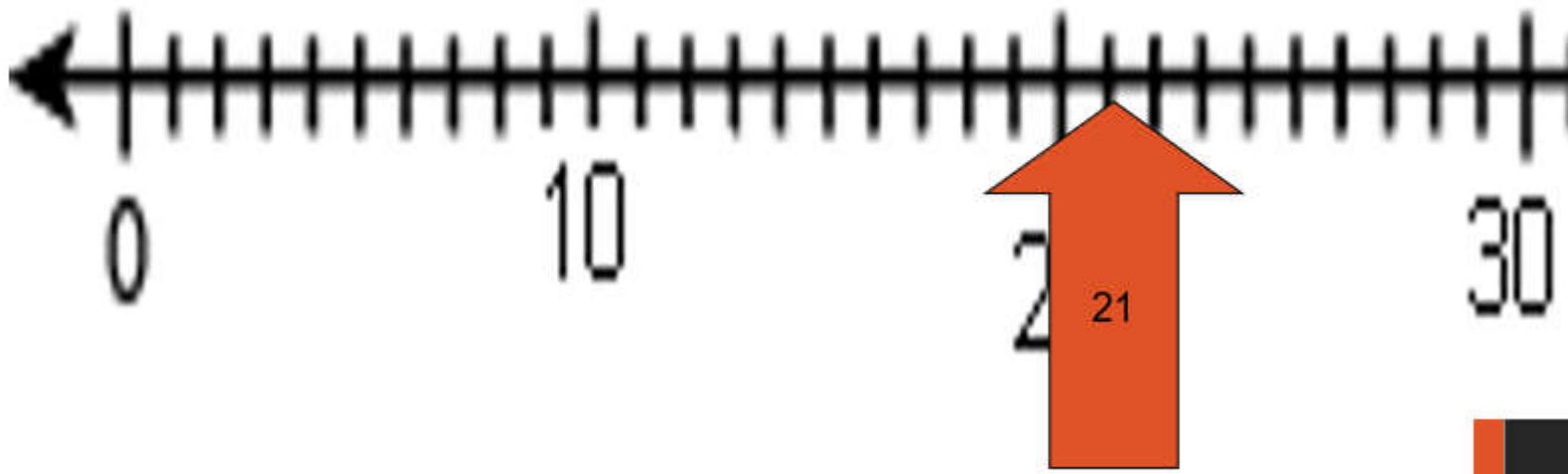
21

64

39

83

Let's take a closer look...



Is 21 closer to  
20 or 30?

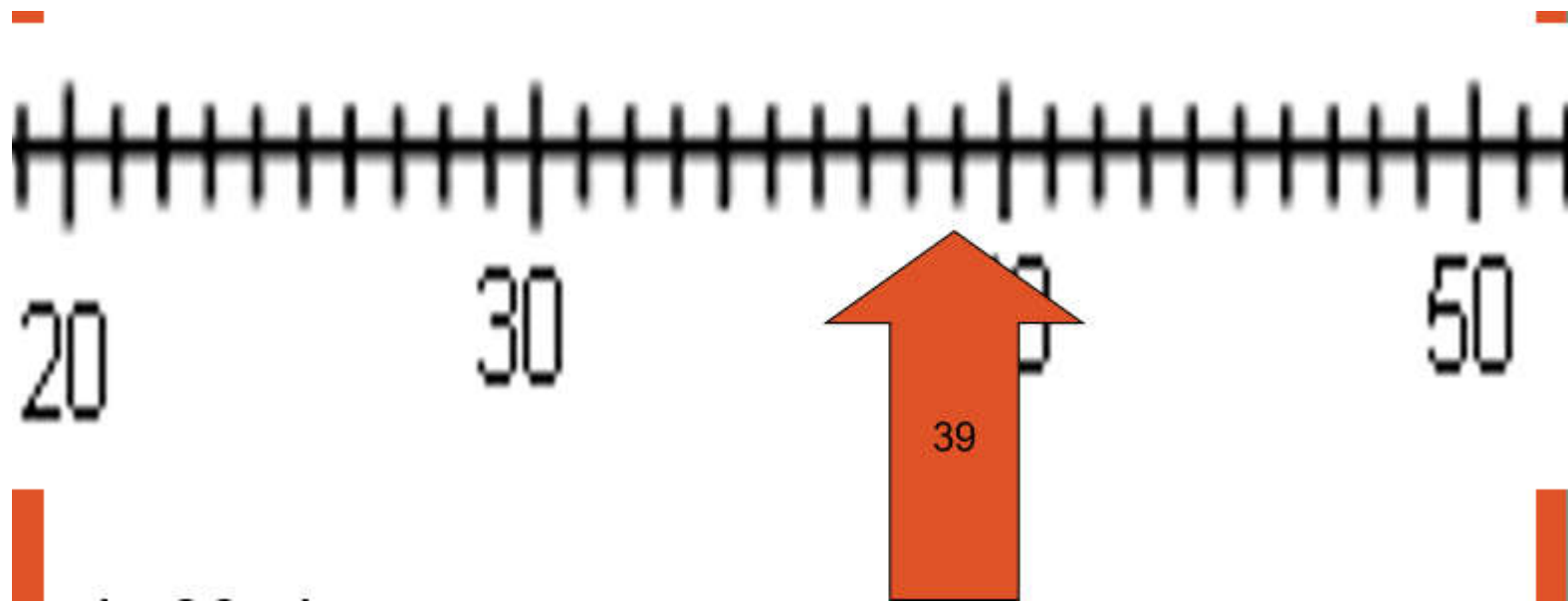
Does it end in  
1, 2, 3 or 4?



Round down!



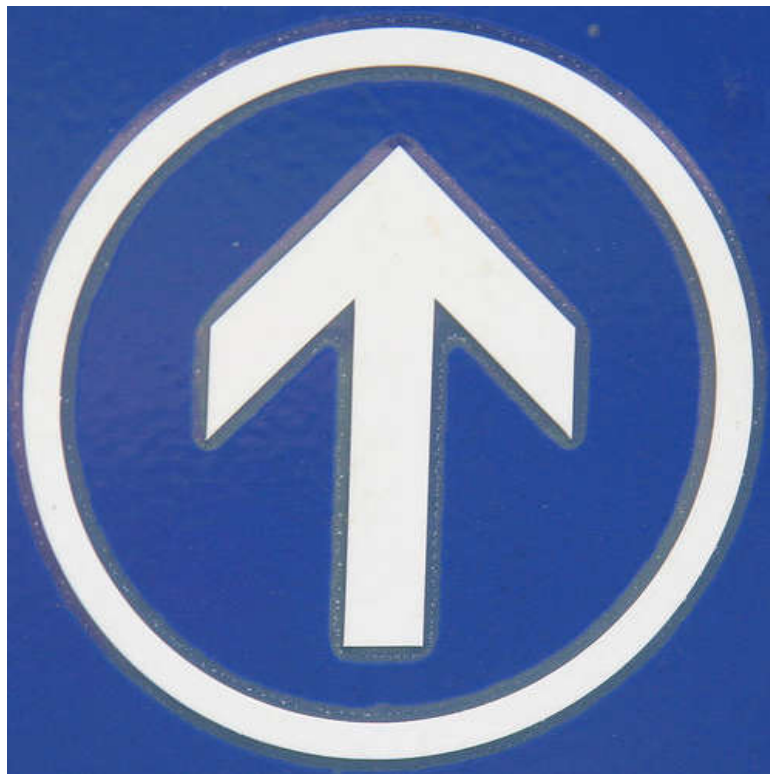
Another close look...



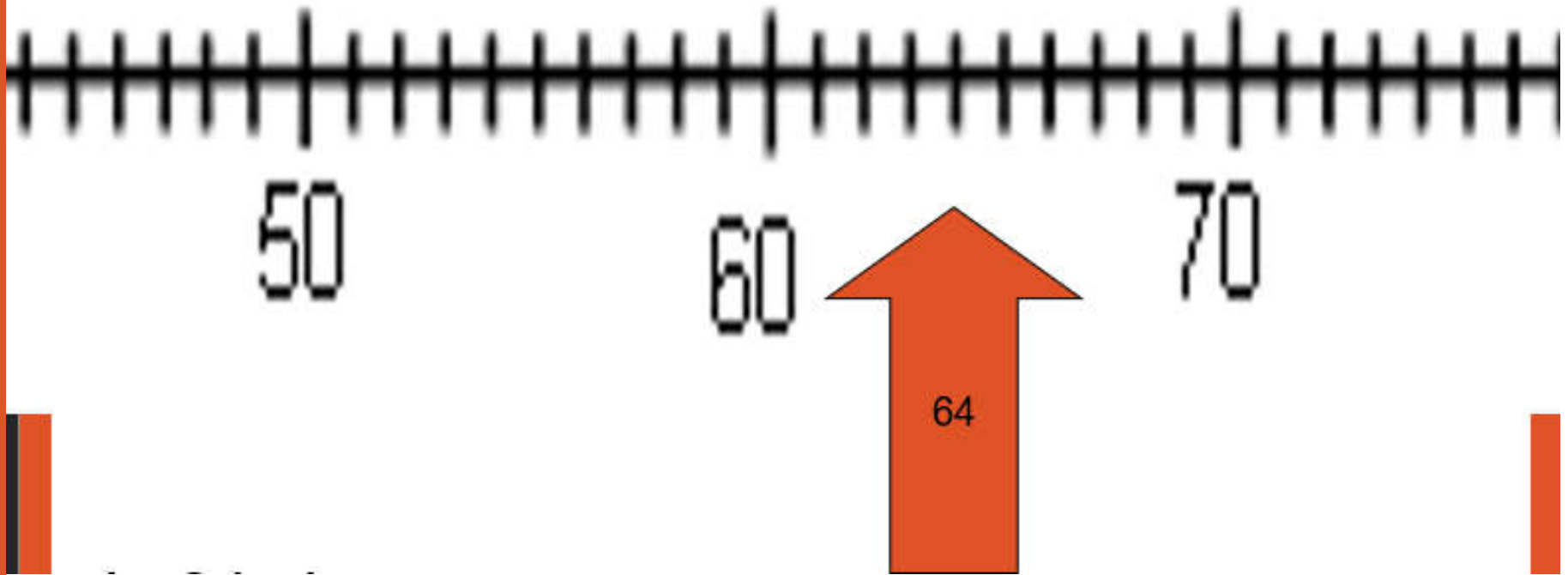
Is 39 closer to  
30 or 40?

Does it end in 5,  
6, 7, 8 or 9?

Round up!



# Another close look...



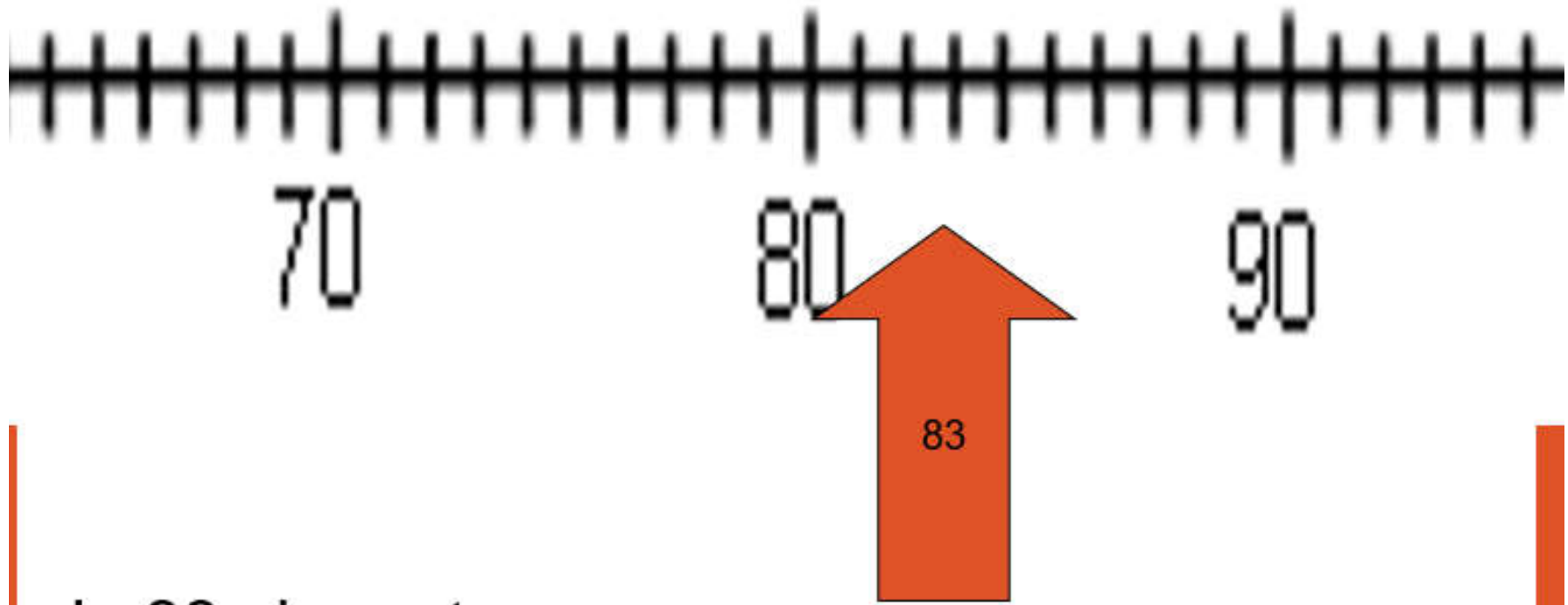
Is 64 closer to  
60 or 70?

Does it end in  
1, 2, 3 or 4?

Round down!



Another close look...



Is 83 closer to  
80 or 90?

Does it end in  
1, 2, 3 or 4?

Round down!



# Your turn

- Use your note
- Draw an arrow on it
- Show me...
- Round up



- Round down





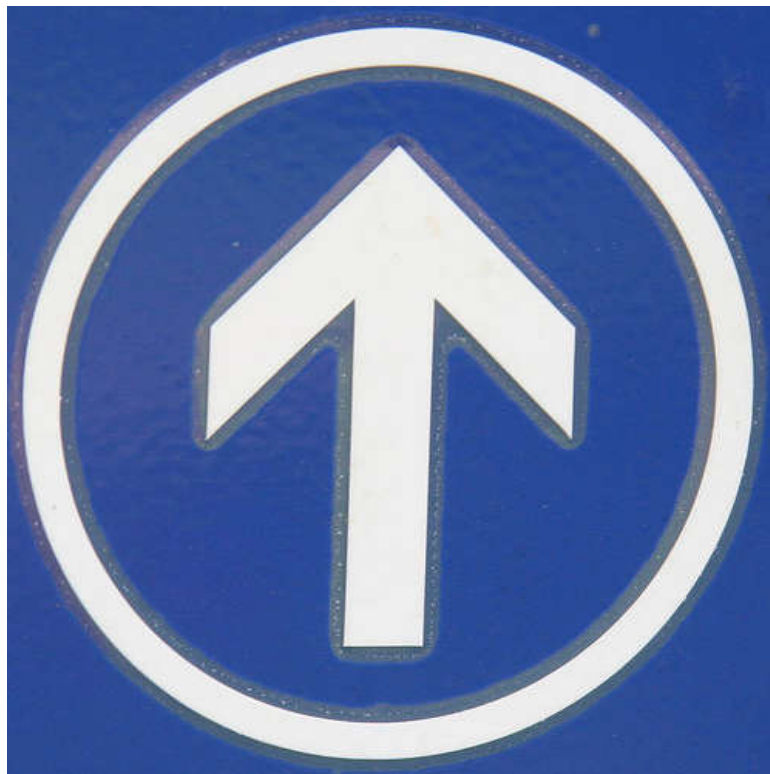
32

Round down!



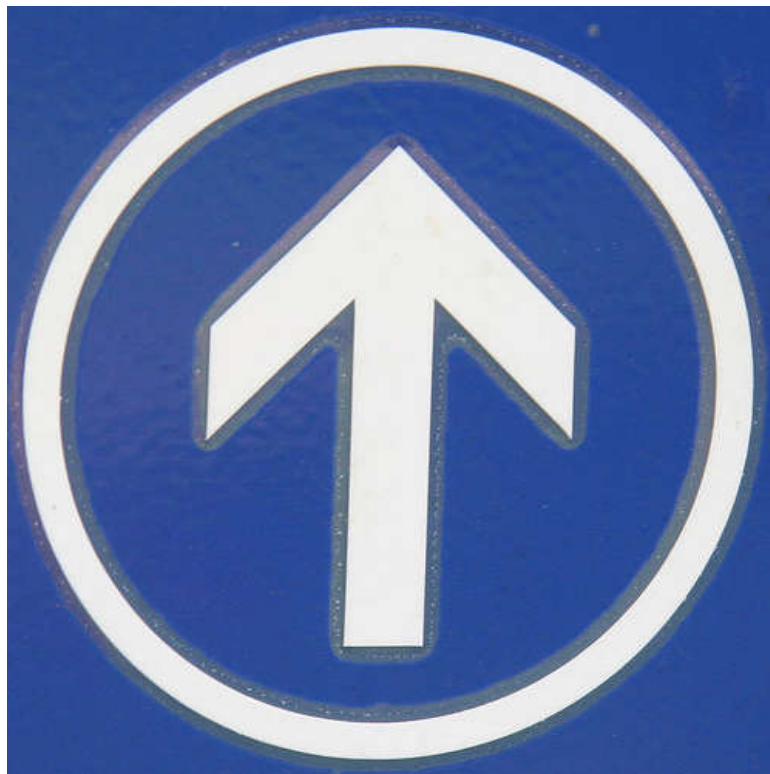
97

Round up!



5

Round up!



71

Round down!





Well Done!

# Summary

- Davids has 63 oranges, 63 lies between 60-70 (multiple of 10)

63 is nearer to 60 So we can say David has about 60 oranges (round down)

- Tolu has 77 sweets, 77 lies between 70-80

77 is nearer to 80, so we can Tolu has about 80 sweets(round up )

### Hundreds Chart

Round Down					Round Up				
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
Round Down					Round Up				