

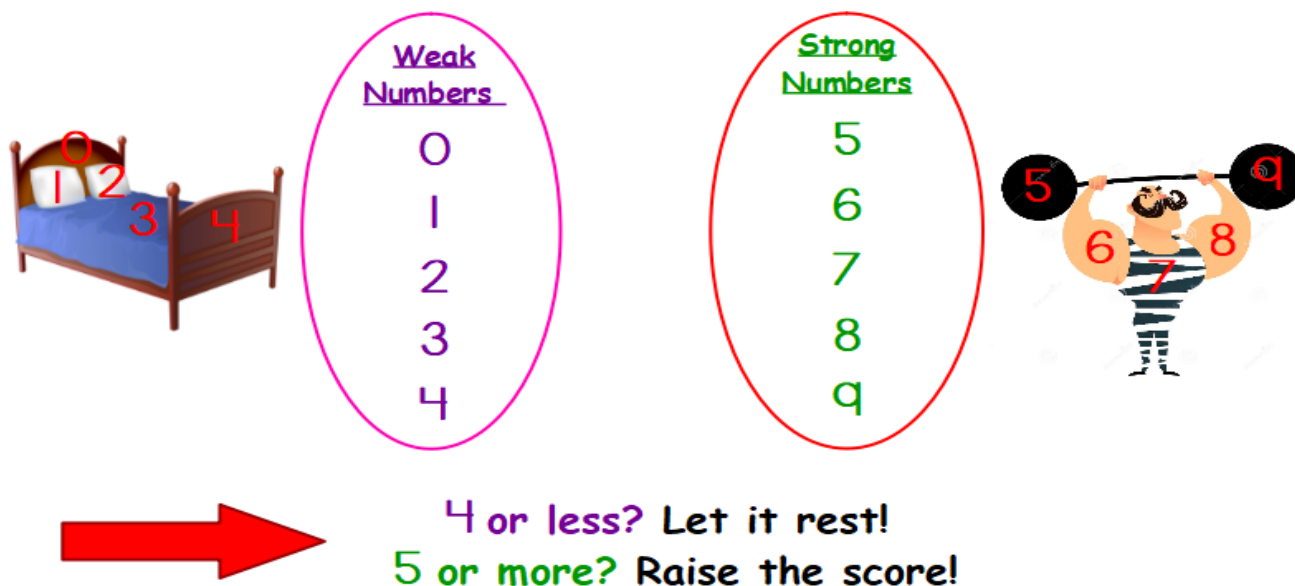
Date: _____

W.S (2.E.1) - Round Numbers to the Nearest 10 and 100

Objective: Round 2-digit and 3-digit numbers to the nearest 10 or 100.

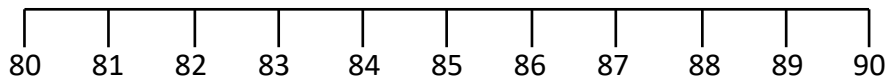
Rounding means making a number simpler – but keeping it close to the original!

When rounding to the nearest 10, we look at the digit in the ones place to help us decide whether to round up or to round down.



Q1. Look at the number line. Fill in the blanks with the two tens that the number is in between.

a)



i) 82 is between 80 and 90.

It is closer to 80 than 90.

82 rounded to the nearest 10 is 80.

ii) 88 is between 80 and 90.

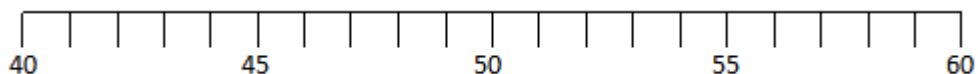
It is closer to 90 than 80.

88 rounded to the nearest 10 is 90.

iii) 85 is halfway between 80 and 90.

85 rounded to the nearest 10 is 90.

b)



i) 41 is between 40 and 50.

It is closer to 40 than 50.

41 rounded to the nearest 10 is 40.

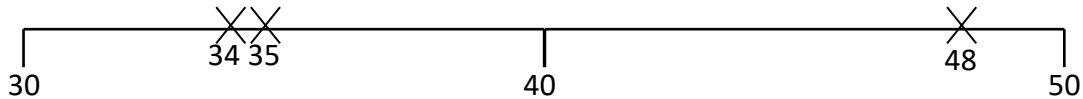
ii) 52 is between 50 and 60.

It is closer to 50 than 60.

52 rounded to the nearest 10 is 50.

iii) 49 is between 40 and 50.
It is closer to 50 than 40.
49 rounded to the nearest 10 is 50.

Q2. Study the number line below and fill in the blanks.



- a) 34 rounded to the nearest 10 is 30.
- b) 35 rounded to the nearest 10 is 40.
- c) 48 rounded to the nearest 10 is 50.

Q3. Round each number to the nearest 10.

7 10

72 70

77 80

15 20

40 40

4 0

91 90

89 90

9 10

5 10

26 30

63 60

Q4. Circle the number(s) that rounds to the number in the box when rounded to the nearest ten.

70	79	75	71	81	55	65	74
50	51	42	45	57	48	55	81

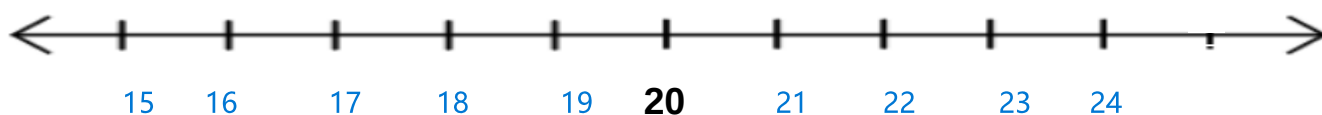
Q5. Fill in the blanks. Use the number line to help you.

a) The whole numbers that round down to **20** are

21, 22, 23 & 24.

The whole numbers that round up to **20** are

15, 16, 17, 18 & 19.

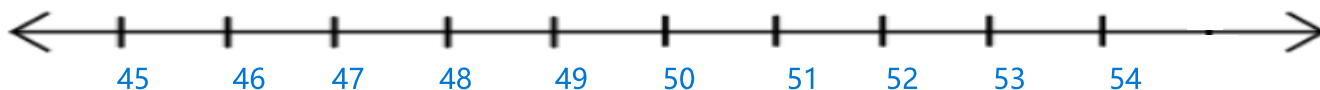


b) The whole numbers that round down to **50** are

51, 52, 53 & 54.

The whole numbers that round up to **50**

45, 46, 47, 48 & 49.

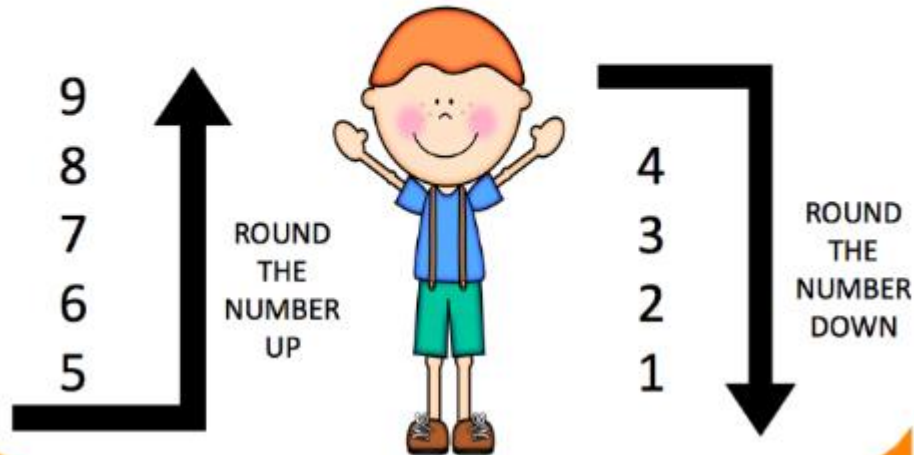


c) The whole numbers that round to 50 are:

45, 46, 47, 48, 49, 50, 51, 52, 53 & 54

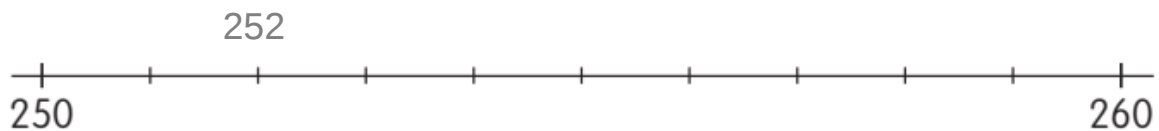
ROUNDING NUMBERS

WHAT'S THE RULE?



Q6. Fill in the blanks.

a) Round 252 to the nearest 10.

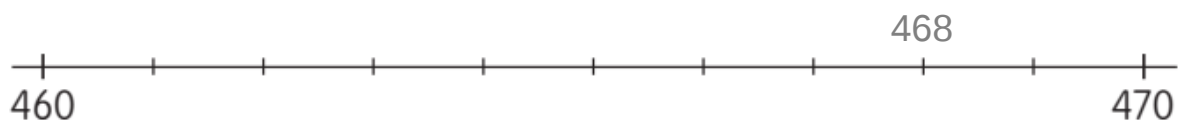


252 is between 250 and 260.

252 is closer to 250 than 260.

252 when rounded to the nearest 10 is 250.

b) Round 468 to the nearest 10.



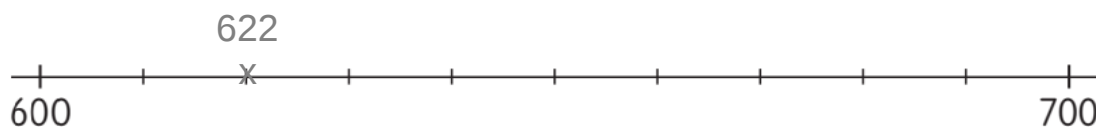
468 is between 460 and 470.

468 is closer to 470 than 460.

468 when rounded to the nearest 10 is 470.

When rounding a whole number to the nearest 100, we look at the digit in the tens place to help us decide whether to round up or to round down.

c) Round 622 to the nearest 100.

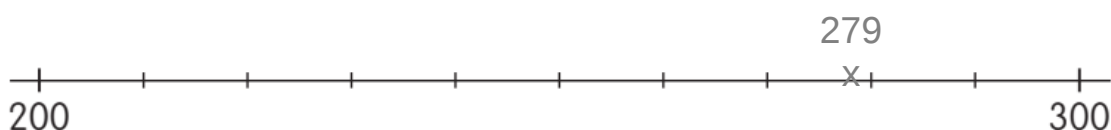


622 is between 600 and 700.

622 is closer to 600 than 700.

622 when rounded to the nearest 100 is 600.

d) Round 279 to the nearest 100.

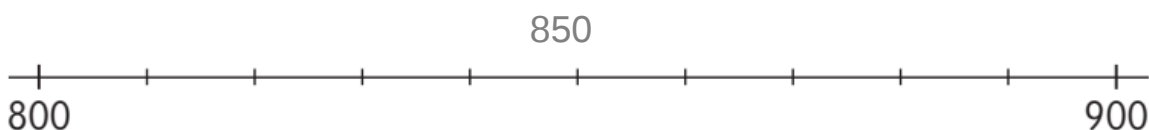


279 is between 200 and 300.

279 is nearer to 300 than 200.

279 when rounded to the nearest 100 is 300.

e) Round 850 to the nearest 100.



850 is exactly halfway between 800 and 900.

850 when rounded to the nearest 100 is 900.

Q7. Round each number to the nearest 10.

313 310

654 650

288 290

555 560

Q8. Round each number to the nearest 100.

623 600

800 800

349 300

650 700

Q9. There are 552 people at an exhibition.

a) Round the number of people to the nearest 100. 600

b) Yanni says that the answer will be the same if it is rounded to the nearest 10. Is she correct? Explain your answer.

No , Yanni is not correct .

When rounding 552 to the nearest ten the answer is 550 not 600.

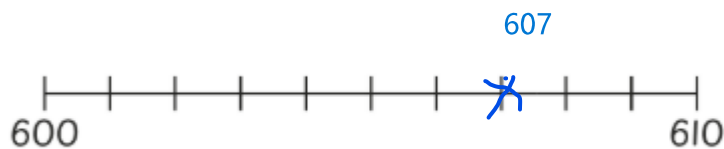
Q10. Mary checked her savings and rounded the amount to the nearest 10. She got a value of **\$940**.

Her actual savings is less than the rounded amount.
What are all the possible values for her savings?

935, 936, 937, 938 and 939

Q11. Use the number line to round the numbers to the nearest 10.

a) 607 610



b) 613 610



Can you round the numbers to the nearest 100?



Q12. a) Round 645 to the nearest 10. 650

Round 645 to the nearest 100. 600

b) Round 95 to the nearest 10. 100

Round 95 to the nearest 100. 100

Q13. Use the number line to decide if you should round the numbers up or down to the nearest 100.

Circle the correct answer.

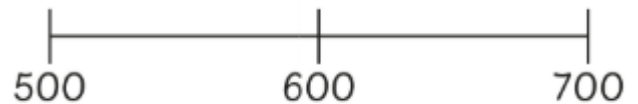
a) 550 Round up / Round down

b) 512 Round up / Round down

c) 666 Round up / Round down

d) 649 Round up / Round down

e) 651 Round up / Round down



Q14. Ms. Lee drives from her house to the library and then to the park.

House $\xrightarrow{35 \text{ km}}$ Library $\xrightarrow{128 \text{ km}}$ Park

Round each distance Ms. Lee travels to the nearest 10.

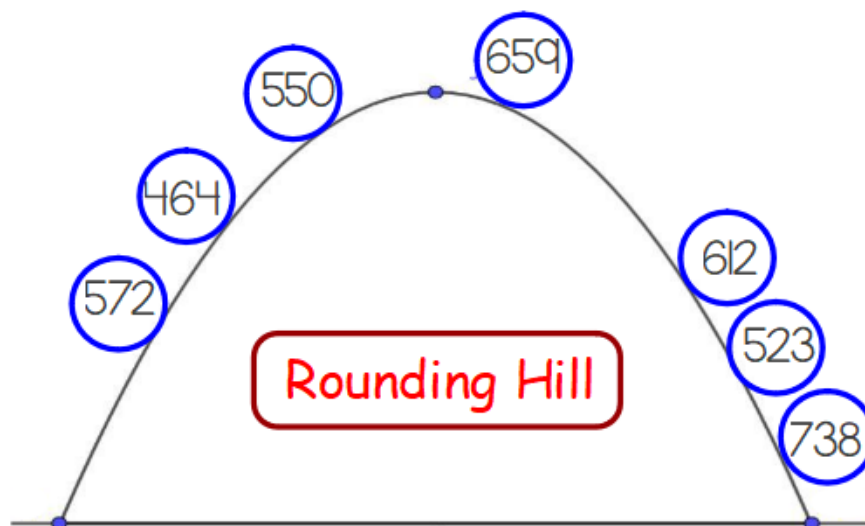
From house to library: 40 km

From library to Park: 130 km

Q15. Study the rounding hill below.

Round the balls to the nearest 100.

Fill in the table with the correct numbers.



<u>500</u>	<u>600</u>	<u>700</u>
<u>464</u>	<u>572</u>	<u>659</u>
<u>523</u>	<u>550</u>	<u>738</u>
<u> </u>	<u>612</u>	<u> </u>

Q16. Use the **Venn diagram** to sort the following numbers.

146, 150, 200, 143, 100, 90, 120

