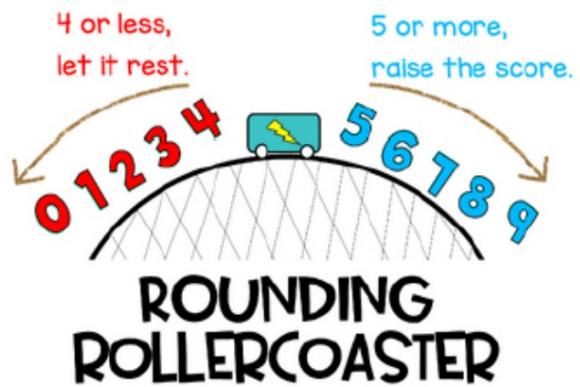


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Chapter 2 Section E:

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

Objective: Round 3-digit Numbers to the Nearest 10 and 100



When we round any number to the **nearest 10** we underline the **10s place** and we look at the **1s place**, and we follow the rule: "4 or less let it rest, 5 or more raise the score" of the digit in the 10s place.

Rounding means making a number simpler but keeping its value close to what it was. The result is less accurate but easier to use.

Q1. Round to nearest 10. (look at the digit in the ones place)

- a) 78 80 b) 53 50
c) 41 40 d) 95 100

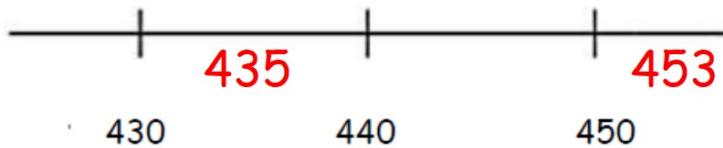
Q2. Round to nearest 100. (look at the digit in the tens place)

- a) 762 800 b) 120 100
c) 364 400 d) 985 1000

Q3. Using the number line, round the numbers to the nearest 10.

a) 435 440

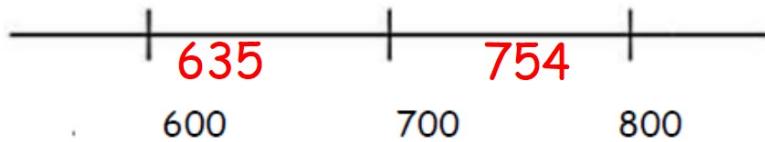
b) 453 450



- Then round the numbers to the nearest 100.

a) 635 600

b) 754 800



Q4. Raj is thinking of a whole number.

He rounds the number to the nearest 10. The answer is 70.

a) The **smallest** number that he should be thinking of is 65 .

b) The **greatest** number that he should be thinking of is 74 .

Q5. There are 552 people at an exhibition.

- a) Round the number of people to the nearest 100. 600
- b) Lanny says that the answer will be the same if it is rounded to the nearest 10. Is she correct? Explain your answer.

No, when the number is rounded to the nearest 10 it will be 550.

Q6. The length of a ribbon is 124 cm.

Place 124 on the number line and answer the following.



124 is between 120 and 130.

124 is nearer to 120 than 130.

When rounded to the nearest 10, 124 becomes 120.

Q7. List all whole numbers which give 90 when rounded to the nearest ten.

94,93,92,91,89,88,87,86 and 85

Q8. List all whole numbers which give 100 when rounded to the nearest ten.

104,103,102,101,99,98,97,96 and 95