LESSON MAKER PRO

Number Line Neighbors

Use nearby tens and hundreds to estimate.

GRADE 3 · 3.NOS.A.1.c

3.NOS.A.1.c "Estimate quantities by reasoning about their location on a number line, their relationship to benchmark numbers, and rounding to nearest 10 or 100."

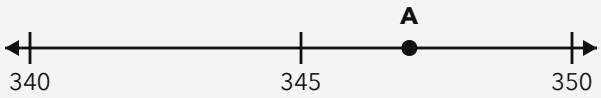
NAME _____ DATE _____

FIND THE CLOSER NUMBER

To round, find the two tens or hundreds a number falls between. Choose the closer one. If the number is halfway, round up.

WORKED EXAMPLE

Round point A to the nearest 10.



1. A is at 347, between 340 and 350.
2. The halfway point is 345.
3. 347 is closer to 350.

Answer: 350

PRACTICE 4 problems

1 Round 68 to the nearest 10.

ANSWER _____

2 Round 132 to the nearest 10.

ANSWER _____

3 Round 574 to the nearest 100.

ANSWER _____

4 Round 819 to the nearest 100.

ANSWER _____

APPLY IT Show your work

1 Our class saved the cans at A. About how many cans is that, to the nearest 10?



ANSWER _____

2 A player earned the coins at B. About how many coins is that, to the nearest 100?



ANSWER _____

CHALLENGE One step up

Round 450 to the nearest 10 and to the nearest 100. Why are the answers different?

WORK SPACE AND ANSWER

ANSWER KEY

Number Line Neighbors

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Round 68 to the nearest 10.	**70**
2	Round 132 to the nearest 10.	**130**
3	Round 574 to the nearest 100.	**600**
4	Round 819 to the nearest 100.	**800**

PART 2 · APPLY IT

1. **130 cans** A is at 128, which is closer to 130 than to 120.
2. **700 coins** B is at 663, which is closer to 700 than to 600.

CHALLENGE

Nearest 10: 450. Nearest 100: 500. It is already a multiple of 10, but it is halfway between 400 and 500, so it rounds up to 500.

Accept any clear explanation that 450 stays the same when rounded to the nearest 10 and rounds up when rounded to the nearest 100.