

Round Numbers to the Nearest 10 and 100

How to use: Print first for the main practice. Then use the device to repeat activities and save progress.

LEARNING OBJECTIVES

- 1 Round a 2-digit number to the nearest 10 on a number line
- 2 Round a 3-digit number to the nearest 100 on a number line
- 3 Explain why a number rounds up or down based on the digit in the rounding place

MINI LESSON

Rounding means finding the nearest 10 or 100 that a number is closest to. It helps us estimate quickly and work with simpler numbers. We use a number line to see exactly which "round" number a value is closest to.

The Rounding Rule

- Look at the digit to the right of the place you are rounding to.
- If that digit is less than 5, round down — keep the rounding-place digit the same.
- If that digit is 5 or more, round up — increase the rounding-place digit by 1.
- Replace all digits to the right of the rounding place with zeros.

Rounding to the Nearest 10

- Look at the ones digit. If it is less than 5, round down: 23 ' 20.
- If the ones digit is 5 or more, round up: 47 ' 50.
- On a number line, 47 is between 40 and 50 and is closer to 50.

Rounding to the Nearest 100

- Look at the tens digit. If it is less than 5, round down: 340 ' 300.
- If the tens digit is 5 or more, round up: 180 ' 200.
- A number exactly at the midpoint (e.g. 450) rounds up by convention.

! To round to the nearest 10: look at the ones digit. To round to the nearest 100: look at the tens digit.

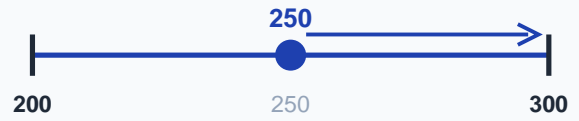
Rounding to the Nearest 10



47 rounds UP to 50

ones digit 7 is 5 or more, so round up

Rounding to the Nearest 100



250 rounds UP to 300

tens digit 5 is 5 or more, so round up

TRACING PRACTICE

Trace each number or symbol, then copy it twice on the lines provided.

TRACE

10

COPY 1

COPY 2

TRACE

20

COPY 1

COPY 2

TRACE

50

COPY 1

COPY 2

TRACE

100

COPY 1

COPY 2

TRACE

300

COPY 1

COPY 2

TRACE

500

COPY 1

COPY 2

TRACE

J

COPY 1

COPY 2

TRACE

H

COPY 1

COPY 2

Tip: Say each number aloud as you round it.

EXERCISES — NUMBER LINE

Read each question, then circle the number on the line that matches your answer.

1. Round 47 to the nearest 10. Tap the correct value.



2. Round 23 to the nearest 10.



3. Round 65 to the nearest 10.



4. Round 180 to the nearest 100.



5. Round 340 to the nearest 100.



6. Round 450 to the nearest 100.



EXERCISES — MULTIPLE CHOICE

Circle the best answer.

Round 38 to the nearest 10.

- 40
- 30
- 35

Round 75 to the nearest 10.

- 70
- 80
- 75

Round 250 to the nearest 100.

- 200
- 250
- 300

Round 420 to the nearest 100.

- 400
- 500
- 450

Round 82 to the nearest 10.

- 90
- 80
- 85

Round 16 to the nearest 10.

- 10
- 15
- 20

Round 550 to the nearest 100.

- 500
- 600
- 550

Round 93 to the nearest 10.

- 100
- 90
- 95

When the ones digit is less than 5, you round ____.

- down (keep the tens digit)
- up (add 1 to the tens digit)
- to the nearest 5

Round 760 to the nearest 100.

- 700
- 800
- 750

ASSESSMENT

PARENT / TEACHER CHECKLIST

- Rounds a 2-digit number to the nearest 10 using a number line on the worksheet.
- Rounds a 3-digit number to the nearest 100 using a number line on the worksheet.
- Identifies whether to round up or down based on the digit in the rounding place.
- Writes the rounded value correctly for at least 3 out of 4 rounding problems.