MATHEMATICS · KINDERGARTEN TO GRADE 3

Rounding to the nearest ten and hundred

Difficulty level: Easy

Mathematics: Kindergarten to Grade 3

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Overview of the concept

This is how you make a quick estimate in your head, like rounding prices to the nearest ten dollars to guess your grocery total before you reach the till. A shopper rounds a 47 dollar item to 50 and a 23 dollar item to 20, and the rough total tells them whether they are inside their budget. A driver estimating a trip cost and a builder estimating materials do the same kind of rounding. A fast estimate is often all you need, and rounding to the nearest ten or hundred is how you get it.



Rule

To round to the nearest ten, look at the ones digit.

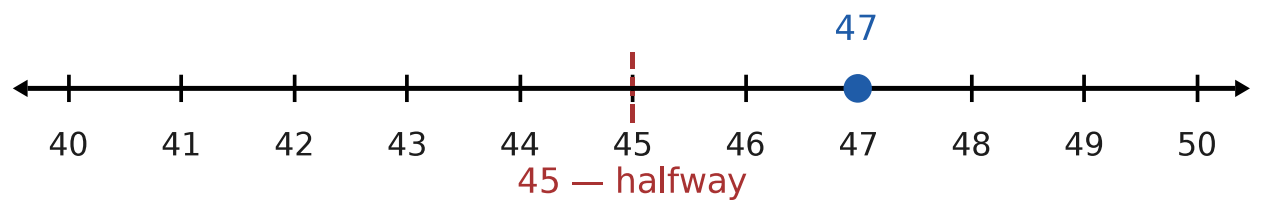
To round to the nearest hundred, look at the tens digit. If that digit is 5 or more, round up. If it is less than 5, stay.

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Worked examples

EXAMPLE 1

Q Round 47 to the nearest ten



SOLUTION

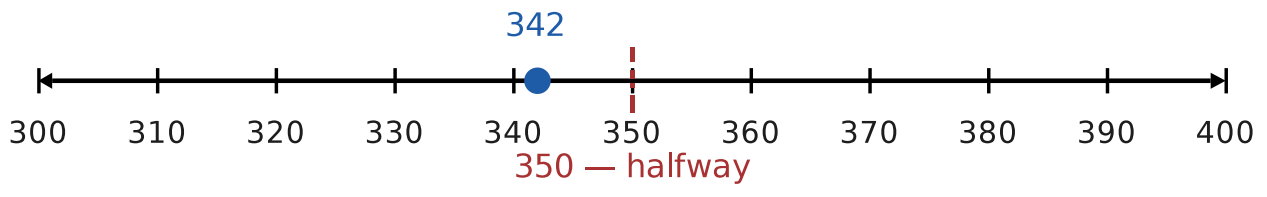
Look at the ones digit: 7.

7 is 5 or more, so round the tens up.

47 rounds to 50.

EXAMPLE 2

Q Round 342 to the nearest hundred



SOLUTION

Look at the tens digit: 4.

4 is less than 5, so keep the hundreds the same.

342 rounds to 300.

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Practice questions

1 About 23 children are at the park. Which ten is 23 closest to?

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2 A shop sells 68 apples in a day. Which ten is 68 closest to?

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3 35 children are on a bus. 35 sits exactly halfway between 30 and 40. Which ten does 35 round to?

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4 Round 84 to the nearest ten. What digit do you look at?

- **A** 4
- **B** 8
- **C** 84
- **D** 0

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5 A number sits halfway between 30 and 40. What is the number?

- **A** 35
- **B** 34
- **C** 36
- **D** 33

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6 **251 people visit the fair. Which hundred is 251 closest to?**

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7 **A library has 149 books on a shelf. Which hundred is 149 closest to?**

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8 **450 tickets are sold for a show. 450 sits exactly halfway between 400 and 500. Which hundred does 450 round to?**

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9 673 rounds to 700 to the nearest hundred. What is the smallest number that rounds to 700 to the nearest hundred?

- A 650
- B 649
- C 651
- D 700

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10 92 rounds to 90 to the nearest ten. Was it rounded up or down?

- A Rounded up
- B Rounded down

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ANSWER KEY

1. 20

2. 70

3. 40

4. 4

5. 35

6. 300

7. 100

8. 500

9. 650

10. Rounded down

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