

Grade 3 - Rounding to the Nearest 10 and 100 - Test Answer Key

Common Core 3.NBT.A.1 · maths-pdf.fr/en/

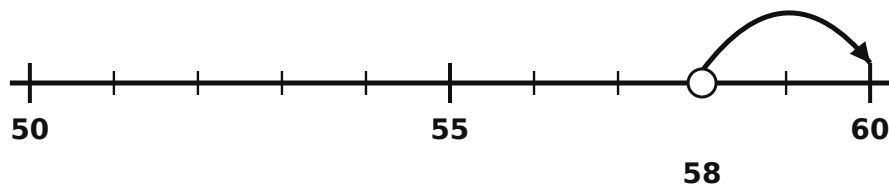
This **grade 3 rounding test answers** for 3rd Grade covers rounding to the nearest 10 and 100 (Common Core 3.NBT.A.1), with a free PDF to print.

Scoring guide for the rounding test. Award the points shown for each item. Accept any correct explanation, and give full credit when the number line or the deciding digit is named correctly. A correct answer with no work earns half the points.

Grade 3 · Common Core State Standards: **3.NBT.A.1**

Grade 3 rounding test answers: worked solutions

Question 1 - Nearest ten [2 pts]

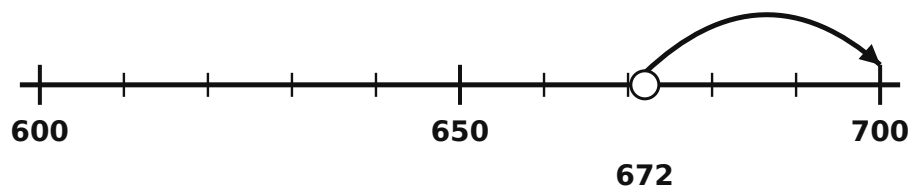


58 is at or past the halfway point 55, so it rounds to 60.

- a. The ones digit 8 rounds up: **60**.
- b. The ones digit 3 rounds down: **140**.

Scoring: 1 point for each correct number.

Question 2 - Nearest hundred [2 pts]



672 is at or past the halfway point 650, so it rounds to 700.

- a. 672 is past the halfway point 650: **700**.
- b. 450 is halfway and rounds up: **500**.

Scoring: 1 point for each correct number.

Question 3 - Three numbers [2 pts]

238 rounds to 200. 905 rounds to 900. 951 rounds to 1,000.

Scoring: 1 point for two correct answers. 1 point for all three correct.

Question 4 - Ten and hundred [2 pts]

Tens digit 8 decides the hundreds

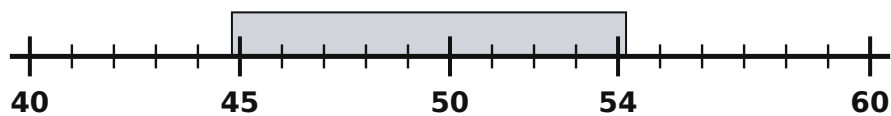
hundreds	tens	ones
7	8	6

Tens digit 8 decides the hundreds

- a. The ones digit 6 rounds up: **790**.
- b. The tens digit 8 rounds up: **800**.

Scoring: 1 point for each correct number.

Question 5 - Numbers in a range [3 pts]



The shaded numbers 45 to 54 round to 50.

- a. **45**.
- b. **54**.
- c. No. 55 is halfway between 50 and 60, so it rounds up to 60.

Scoring: 1 point for each part.

Question 6 - Library estimate [3 pts]

- a. $400+300=700$.
- b. $390+260=650$.
- c. $387+256=643$. The estimate **650** is closer: it is 7 away, while 700 is 57 away.

Scoring: 1 point for each part.

Question 7 - Find the mistake [2 pts]

A ones digit of 5 rounds up. So 465 is rounded up to **470**.

Scoring: 1 point for the explanation. 1 point for 470.

Question 8 - Event crowd [2 pts]

The least is **750** and the greatest is **849**.

Scoring: 1 point for each number.

Question 9 - Estimate a difference [2 pts]

Estimate: $900-500=400$. Exact: $912-487=425$.

Scoring: 1 point for the estimate. 1 point for the exact difference.

Total score

Total

20 points

Key facts behind this grade 3 rounding test answers
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Key facts

- Rounding to the nearest 10 depends on the ones digit.

- Rounding to the nearest 100 depends on the tens digit.
- A digit of 5 or more rounds up. A digit of 4 or less rounds down.
- A number exactly halfway rounds up, so 45 rounds to 50.
- Rounded numbers make quick estimates for sums and differences.

How to use this grade 3 rounding test answers

Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.