

Place Value and Rounding: math test solutions, Grade 3 – download the PDF

Test solutions with the detailed point scale. Add up your points and spot what to review.

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

1 Place value

/ 4 pts

- a. The 2 is in the tens place: it is worth **20**. (1 pt)
- b. **Nine hundred twenty-seven**. (1 pt)
- c. **$927 = 900 + 20 + 7$** . (1 pt)
- d. 92 tens + 1 ten = 93 tens, so **937**. (1 pt)

2 Write the numbers

/ 3 pts

- a. **347**. (1 pt)
- b. **805**, with a 0 as placeholder in the tens place. (1 pt)
- c. **624**. (1 pt)

3 Compare

/ 3 pts

- a. The hundreds are equal. Tens: $1 < 8$, so **618** < **681**. (1 pt)
- b. The hundreds are equal. Tens: $5 > 0$, so **450** > **405**. (1 pt)
- c. Hundreds: $2 < 3$, so **299** < **300**. (1 pt)

4 Order the numbers

/ 3 pts

The hundreds digits are 5, 3, 5, 3 and 9, so 953 is the greatest. (1 pt)

Among the numbers with 3 hundreds, **359** < **395** because 5 tens < 9 tens. Among those with 5 hundreds, **539** < **593** because 3 tens < 9 tens. (1 pt)

The order is **359, 395, 539, 593, 953**. (1 pt)

5 Round to the nearest 10

/ 4 pts

- a. The ones digit is 8: **40**. (1 pt)
- b. The ones digit is 2: **150**. (1 pt)
- c. The ones digit is 5: **710**. (1 pt)
- d. The ones digit is 9: **900**. (1 pt)

6 Round to the nearest 100

/ 3 pts

- a. The tens digit is 1: **200**. (1 pt)
- b. The tens digit is 5: **600**. (1 pt)
- c. The tens digit is 7, so 9 hundreds becomes 10 hundreds: **1,000**. (1 pt)



Test yourself: quick challenge for Grade 3

[Change level](#)

Level : **Grade 3**

6 random questions, instant feedback.



Start the challenge



Keep exploring with Zyro



Math tests

Place Value and Rounding: math test,
Grade 3



Math lessons

Place Value and Rounding: math lesson,
Grade 3



Math quizzes



Math tests

Place Value and Rounding: math quiz,
Grade 3

Adding and Subtracting Within 1,000:
math test, Grade 3



Math tests

Understanding Multiplication: math test,
Grade 3



Math lessons

Adding and Subtracting Within 1,000:
math lesson, Grade 3

Zyro vous emmène sur nos sites partenaires

Embarquez pour d'autres planètes du savoir et leurs applis.

Décollage