

Grade 4 - Dividing with Remainders - Test

Common Core 4.NBT.B.6 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This 20-point test checks division with remainders (Common Core 4.NBT.B.6). Work alone, show your partial quotients, and check your answers with multiplication. You have 45 minutes.

About this test

- Grade: Grade 4
- Chapter: Dividing with Remainders
- Standards: 4.NBT.B.6
- Time: 45 minutes
- Total: 20 points

Question 1 - Mental math [2 pts]

- Find $360 \div 6$. (1 point)
- Find $4,000 \div 5$. (1 point)

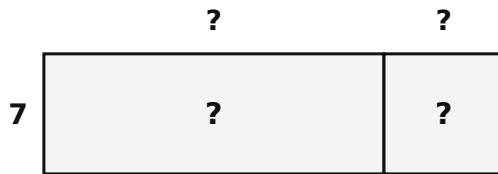
Question 2 - Two-digit dividends [2 pts]

- Find $96 \div 4$. (1 point)
- Find $87 \div 6$. Write the quotient with a remainder. (1 point)

Question 3 - Three-digit dividend [2 pts]

Find $625 \div 5$ and check your answer with multiplication.

Question 4 - Remainder in the tens place [2 pts]



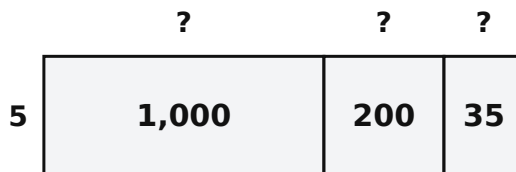
Use the area model to divide 758 by 7.

The area model has height 7. Find $758 \div 7$. Write the quotient with a remainder.

Question 5 - Four-digit dividend [2 pts]

Find $4,872 \div 6$.

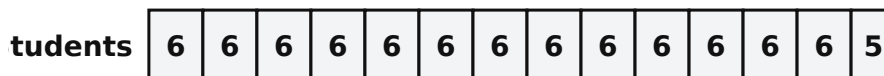
Question 6 - Read the area model [2 pts]



The areas are 1,000, 200, and 35.

The rectangle has height 5. The three partial areas are 1,000, 200, and 35. Find the three widths. Then find the quotient $1,235 \div 5$.

Question 7 - School vans [3 pts]



83 students in vans of 6.

A school takes 83 students on a field trip. Each van seats 6 students.

- How many vans will be completely full? (1 point)
- How many students are left over? (1 point)
- How many vans are needed so every student has a seat? (1 point)

Question 8 - Find the mistake [3 pts]

Liam says that $523 \div 5 = 14 \text{ R } 3$.

- Use multiplication to show that his answer is wrong. *(1 point)*
- Find the correct quotient with remainder. *(1 point)*
- Explain what Liam did wrong. *(1 point)*

Question 9 - Photo album pages [2 pts]

Sofia has 458 photos. She puts 7 photos on each album page. How many full pages can she fill, and how many photos are left?