

Grade 5 - Dividing by Two-Digit Divisors - Test

Common Core 5.NBT.B.6 · maths-pdf.fr/en/

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

This test covers dividing whole numbers by two-digit divisors for Grade 5 (5.NBT.B.6). It has 8 questions worth 20 points. You have 45 minutes. Show your partial quotients or your area model. Calculators are not allowed. Check each answer by multiplying.

About this test

- Grade: Grade 5
- Chapter: Dividing by Two-Digit Divisors
- Standards: 5.NBT.B.6
- Time: 45 minutes
- Total: 20 points

Question 1 - Short quotients [2 pts]

Find each quotient.

- a. $168 \div 12$ (1 point)
- b. $5,400 \div 90$ (1 point)

Question 2 - Divide 1,404 [3 pts]

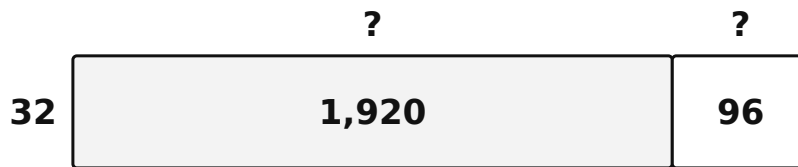
Find the quotient: $1,404 \div 26$.

Question 3 - Division with a remainder [3 pts]

Divide: $3,816 \div 47$. Write the answer with a remainder.

Question 4 - Area model [2 pts]

The area model shows $2,016 \div 32$. Find the missing widths and the quotient.



Area model.

Question 5 - Estimate and solve [2 pts]

Use compatible numbers to estimate $2,982 \div 42$. Then find the exact quotient.

Question 6 - Diego's work [2 pts]

Diego says that $1,260 \div 18 = 7$ because $18 \times 7 = 126$. Explain his mistake and find the correct quotient.

Question 7 - Field trip vans [3 pts]

There are 389 students on a field trip. Each van holds 15 students.



Each van holds 15 students.

- Find the quotient and remainder for $389 \div 15$. (2 points)
- How many vans does the school need? (1 point)

Question 8 - Pencil boxes [3 pts]

Priya packs 1,440 pencils equally into 36 boxes.

1,440 pencils in 36 boxes



Equal boxes.

- How many pencils go in each box? (2 points)
- Each box is shared equally by 8 students. How many pencils does each student get? (1 point)

point)