

Grade 5 · Dividing Whole Numbers · Test

Common Core 5.NBT.B.6 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

This 45-minute test covers dividing whole numbers (5.NBT.B.6) with up to four-digit dividends and two-digit divisors. It has 9 questions worth 20 points. Show all work, because partial credit is given for correct steps. Calculators are not allowed.

Test information

- **Grade:** Grade 5
- **Chapter:** Dividing Whole Numbers
- **Common Core:** 5.NBT.B.6
- **Time:** 45 minutes
- **Total:** 20 points (Question 1: 2 pts; Question 2: 2 pts; Question 3: 2 pts; Question 4: 2 pts; Question 5: 2 pts; Question 6: 2 pts; Question 7: 3 pts; Question 8: 2 pts; Question 9: 3 pts)

Question 1: Divide by one-digit and tens (2 points)

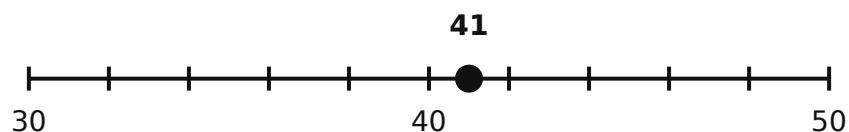
- Find $8,424 \div 6$. (1 point)
- Find $2,880 \div 40$. (1 point)

Question 2: Divide by two-digit numbers (2 points)

- Find $912 \div 24$. (1 point)
- Find $1,573 \div 13$. (1 point)

Question 3: Estimate and calculate (2 points)

Look at the quotient $3,892 \div 41$.

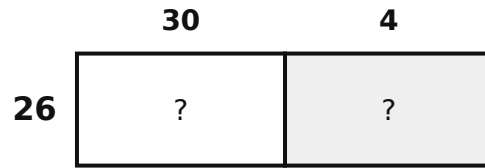


41 on a number line.

- Estimate the quotient. (1 point)
- Find the exact quotient and remainder. (1 point)

Question 4: Complete the area model (2 points)

The area model shows $884 \div 26$.



Each ? is a product of 26 and the label above it.

- Find the missing products. (1 point)
- Find the quotient. (1 point)

Question 5: Quotient with a remainder (2 points)

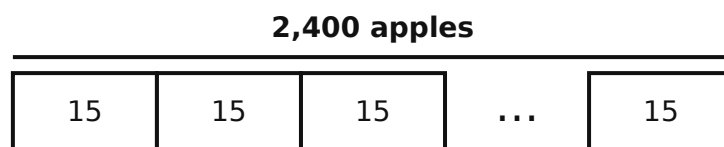
Find $7,845 \div 37$. Write the quotient and the remainder.

Question 6: Check Jamal's answer (2 points)

Jamal says $6,408 \div 12 = 54$. Show that his answer is not correct and find the correct quotient.

Question 7: Bags of apples for sale (3 points)

A farmers market stand has 2,400 apples. The apples are packed in bags of 15. Each bag sells for \$3.



Bags of 15 apples.

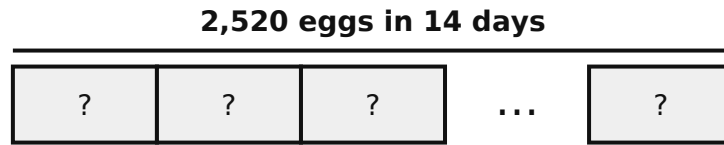
- How many bags are filled? (2 points)
- How much money is collected if every bag is sold? (1 point)

Question 8: Stickers in albums (2 points)

Mei has 3,000 stickers. Each album holds 48 stickers. How many albums can she fill completely, and how many stickers are left over?

Question 9: Eggs at the bakery (3 points)

A bakery uses 2,520 eggs in 14 days. It uses the same number of eggs each day.



14 equal days.

- a. How many eggs does the bakery use each day? (2 points)
- b. At this rate, how many days will 4,320 eggs last? (1 point)