

Grade 3 · Multiplication and Division Facts Within 100 · Test

Common Core 3.OA.C.7 · mathovore.fr

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

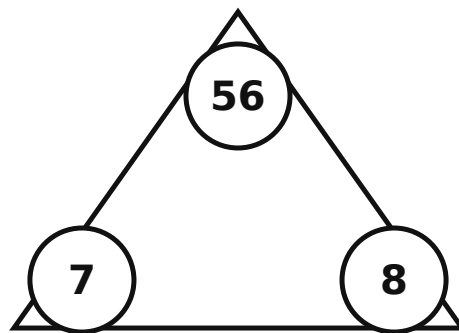
This test has 8 questions worth 20 points in all. Work on your own, show your work, and try to answer the facts from memory. You may draw pictures. You should finish in about 45 minutes. Check your answers when you are done.

Test information

- **Grade:** Grade 3
- **Chapter:** Multiplication and Division Facts Within 100
- **Common Core:** 3.OA.C.7
- **Time:** 45 minutes
- **Total:** 20 points (Question 1: 4 pts; Question 2: 3 pts; Question 3: 3 pts; Question 4: 2 pts; Question 5: 2 pts; Question 6: 2 pts; Question 7: 2 pts; Question 8: 2 pts)

Question 1: Fact family (4 points)

Use the numbers in the triangle to write all four facts in the fact family. (4 points)



A fact family triangle: 7, 8, and 56.

Question 2: Find the products (3 points)

Find each product. (3 points: 1 point for every 2 correct answers)

- 6×7
- 8×4

- c. 9×6
- d. 5×8
- e. 7×7
- f. 3×9

Question 3: Find the quotients (3 points)

Find each quotient. (3 points: 1 point for every 2 correct answers)

- a. $54 \div 6$
- b. $28 \div 4$
- c. $72 \div 8$
- d. $45 \div 9$
- e. $63 \div 7$
- f. $32 \div 8$

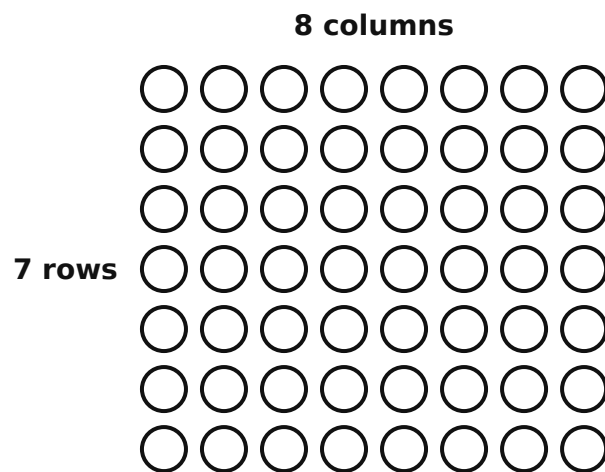
Question 4: Missing numbers (2 points)

Find the missing number in each equation.

- a. $8 \times ? = 64$ (1 point)
- b. $? \div 7 = 6$ (1 point)

Question 5: Read an array (2 points)

Look at the array.



An array with 7 rows and 8 columns.

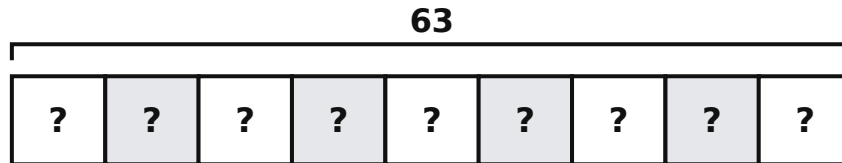
- a. Write a multiplication fact for the array. (1 point)
- b. Write a division fact that uses the same three numbers. (1 point)

Question 6: Break apart (2 points)

Find 7×6 by breaking one factor into two smaller numbers. Show your work.

Question 7: Books on shelves (2 points)

A library puts 63 books equally on 9 shelves.



63 books on 9 shelves, equal parts.

- a. Write a division equation for the problem. (1 point)
- b. How many books are on each shelf? (1 point)

Question 8: Sharing oranges (2 points)

Maya has 8 bags with 4 oranges in each bag. She shares all of the oranges equally among 4 friends. How many oranges does each friend get?