

Grade 3 - Multiplication and Division Facts Within 100 - Quiz

Common Core 3.OA.C.7 · maths-pdf.fr/en/

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

This **multiplication facts quiz** for 3rd Grade covers multiplication and division facts within 100 (Common Core 3.OA.C.7), with a free PDF to print.

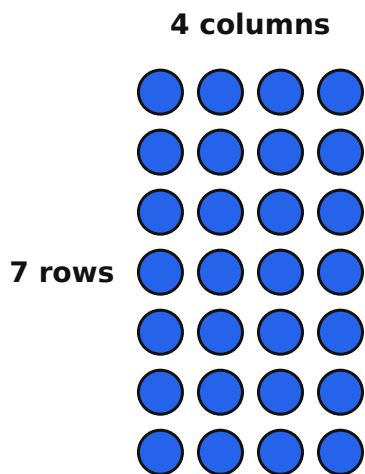
Try these 10 multiple choice questions on multiplication and division facts within 100 (3.OA.C.7). Pick one answer, then read the explanation to learn the strategy behind it.

Grade 3 · Common Core State Standards: **3.OA.C.7**

Multiplication facts quiz: 10 questions

Questions

Question 1



An array: 7 rows of 4 dots.

How many dots are in the array?

- A. 11
- B. 28
- C. 24
- D. 32

Question 2

What is (9×8) ?

- A. 72
- B. 63
- C. 81
- D. 17

Question 3

What is $(54 \div 6)$?

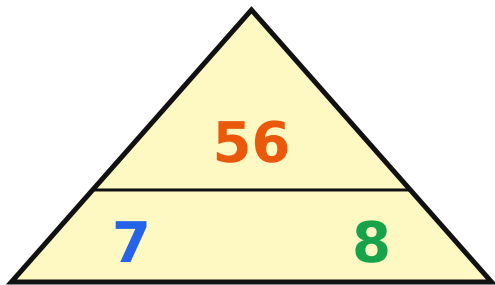
- A. 8
- B. 7
- C. 9
- D. 48

Question 4

Which number makes this true? $(n \times 8 = 40)$

- A. $(n = 5)$
- B. $(n = 6)$
- C. $(n = 8)$
- D. $(n = 32)$

Question 5



A fact family triangle.

Which sentence belongs to this fact family?

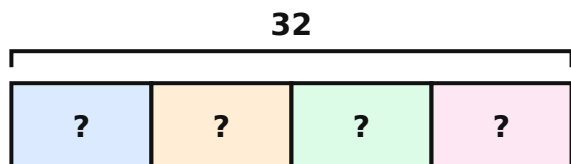
- A. $(56 \div 8 = 8)$
- B. $(56 \div 8 = 7)$
- C. $(56 \div 7 = 9)$
- D. $(8 \div 56 = 7)$

Question 6

What is (7×7) ?

- A. 49
- B. 14
- C. 42
- D. 56

Question 7



32 shared into 4 equal parts.

What number goes in each part?

- A. 28
- B. 9
- C. 36
- D. 8

Question 8

Sofia packs 6 bags with 9 balls in each bag. How many balls are there?

- A. 45 balls
- B. 15 balls
- C. 63 balls
- D. 54 balls

Question 9

Noah puts 48 cookies into boxes of 6. How many boxes does he fill?

- A. 6 boxes
- B. 8 boxes
- C. 9 boxes
- D. 42 boxes

Question 10

Which number sentence is true?

- A. $6 \times 7 = 48$
- B. $9 \times 9 = 72$
- C. $8 \times 9 = 72$
- D. $7 \times 8 = 54$

Answers

1. **B** - 7 rows of 4 is $7 \times 4 = 28$. Adding $7 + 4 = 11$ is a common mistake.
2. **A** - The tens digit is $8 - 1 = 7$ and the digits add to 9, so the product is 72. Choosing 63 is 9×7 .
3. **C** - $6 \times 9 = 54$, so $54 \div 6 = 9$. Choosing 8 comes from $6 \times 8 = 48$.
4. **A** - Think $40 \div 8 = 5$. Choosing 32 subtracts instead of dividing.
5. **B** - The product 56 is divided by one factor to get the other factor. $56 \div 8 = 7$ because $8 \times 7 = 56$.
6. **A** - Seven groups of 7 make 49. Choosing 14 adds $7 + 7$.
7. **D** - $32 \div 4 = 8$ because $4 \times 8 = 32$. Choosing 28 subtracts 4 instead of dividing.
8. **D** - $6 \times 9 = 54$. Choosing 45 comes from 5×9 , and 15 comes from adding.
9. **B** - $48 \div 6 = 8$ because $6 \times 8 = 48$. Choosing 42 subtracts 6 from 48.
10. **C** - Only $8 \times 9 = 72$ is correct. $6 \times 7 = 42$, $9 \times 9 = 81$, and $7 \times 8 = 56$.

Remember

Remember

- A fact family uses three numbers: 6, 7, and 42 make $6 \times 7 = 42$, $7 \times 6 = 42$, $42 \div 6 = 7$, and $42 \div 7 = 6$.
- Division is finding a missing factor: $42 \div 7$ asks 7 times what number is 42.
- Products of 5 end in 0 or 5, and the digits of a product of 9 add to 9.
- Doubles help with 2s and 4s. Add one more group to move from a known fact to the next one.
- Fluency means knowing the facts from memory, quickly and correctly.

How to use this multiplication facts quiz

Answer each question, read the explanation that appears, and keep track of your score. A score of 8 out of 10 or more means you are ready for the test.

Download the multiplication facts quiz as a PDF with the button below and keep it with your notes.