

Grade 3 - Multiplying by Multiples of 10 - Quiz

Common Core 3.NBT.A.3 · maths-pdf.fr/en/

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

This **multiply tens quiz** for 3rd Grade covers multiplying by multiples of 10 (Common Core 3.NBT.A.3), with a free PDF to print.

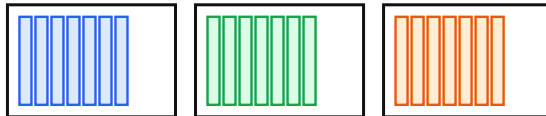
This 10-question quiz checks multiplying by multiples of 10 (Common Core 3.NBT.A.3). Study each picture, find the product, and choose the one correct answer. Each explanation shows the common mistake.

Grade 3 · Common Core State Standards: **3.NBT.A.3**

Multiply tens quiz: 10 questions

Questions

Question 1



Each rod is worth 10.

Every rod in the three boxes stands for ten. Find the combined value of all the rods.

- A. 210
- B. 21
- C. 2,100
- D. 37

Question 2

What is 4×60 ?

- A. 24
- B. 240
- C. 2,400
- D. 64

Question 3

What is (6×50) ?

- A. (30)
- B. $(3,000)$
- C. (300)
- D. (56)

Question 4

Which number makes the equation true? $(7 \times ? = 490)$

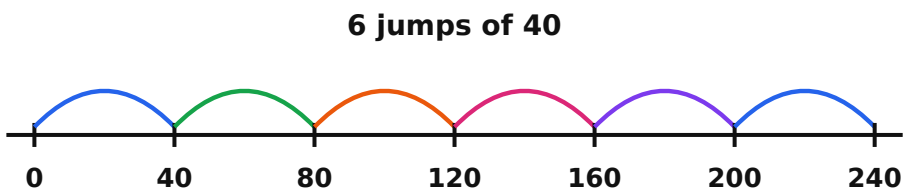
- A. (7)
- B. (70)
- C. (700)
- D. (49)

Question 5

A craft store sells 9 bags of beads. Each bag holds 30 beads. How many beads are in the 9 bags?

- A. 27 beads
- B. 270 beads
- C. 2,700 beads
- D. 39 beads

Question 6



Jumps of 40.

Where does the sixth jump land?

- A. (46)
- B. (200)
- C. (240)
- D. $(2,400)$

Question 7

Which is equal to (8×70) ?

- A. $(56 \text{ \textit{ones}})$

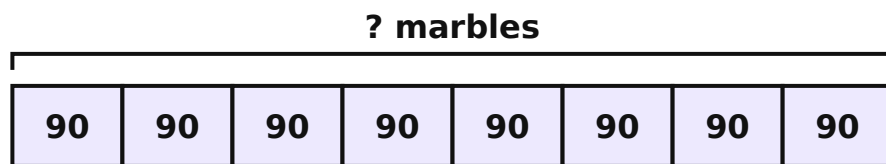
- B. (15 tens)
- C. (8 tens)
- D. (56 tens)

Question 8

Which expression has the greatest product?

- A. (5×60)
- B. (7×40)
- C. (3×90)
- D. (9×30)

Question 9



8 jars with 90 marbles each.

What is the total number of marbles in the 8 jars?

- A. 720 marbles
- B. 72 marbles
- C. 7,200 marbles
- D. 98 marbles

Question 10

Which multiplication has a product of 360?

- A. (6×50)
- B. (4×80)
- C. (7×60)
- D. (9×40)

Answers

1. **A** - 3 boxes of 7 tens is 21 tens, which is 210. Forgetting that rods are tens gives 21.
2. **B** - $4 \times 6 = 24$, so 4×6 tens = 24 tens = 240. Answer 24 forgets the tens.
3. **C** - $6 \times 5 = 30$, so 30 tens = 300. The basic fact ends in 0, so the product ends in two zeros.
4. **B** - $7 \times 7 = 49$, and 49 tens is 490. So the missing number is 70, not 7.
5. **B** - $9 \times 3 = 27$, so 27 tens = 270 beads.
6. **C** - Six jumps of 40 is 6×40 . $6 \times 4 = 24$, so 24 tens = 240.
7. **D** - $8 \times 7 = 56$, and 70 is 7 tens, so the product is 56 tens (560).
8. **A** - $5 \times 60 = 300$, $7 \times 40 = 280$, $3 \times 90 = 270$, $9 \times 30 = 270$. 300 is the greatest.
9. **A** - $8 \times 9 = 72$, so 72 tens = 720 marbles.
10. **D** - $9 \times 4 = 36$ tens = 360. The others are 300, 320, and 420.

Remember

Remember

- A multiple of 10 is a whole number of tens, such as 30 (3 tens) or 80 (8 tens).
- Multiply the basic fact first: $9 \times 8 = 72$, so $9 \times 80 = 720$.
- The answer is that many tens, so the product ends in 0.
- If the basic fact ends in 0, the product ends in two zeros: $5 \times 60 = 300$.
- Skip counting by the multiple of 10 gives the same answer.

How to use this multiply tens 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 multiply tens quiz as a PDF with the button below and keep it with your notes.