

Grade 2 - Fluency Within 20, Even and Odd Numbers - Answer Key

Common Core 2.OA.B.2, 2.OA.C.3 · maths-pdf.fr/en/

This **fluency even odd answers** for 2nd Grade covers fluency within 20, even and odd numbers (Common Core 2.OA.B.2, 2.OA.C.3), with a free PDF to print.

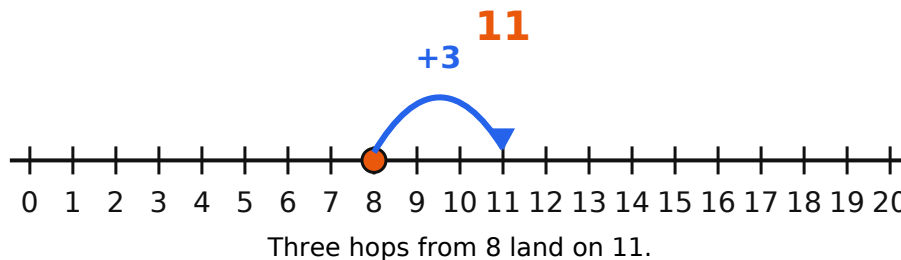
Every problem is worked step by step with the strategy shown. Check each answer, then fix any mistakes by re-reading the strategy in the lesson.

Grade 2 · Common Core State Standards: **2.OA.B.2, 2.OA.C.3**

Fluency even odd answers: exercises 1 to 10

Exercise 1 - Count on

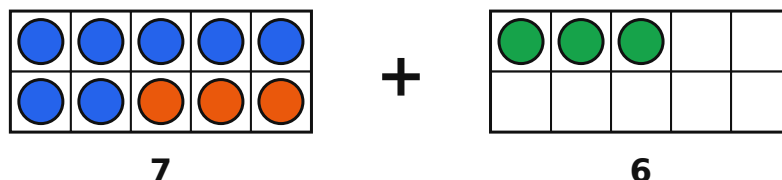
Start at 8 and hop 3 times: 9, 10, 11.



$$8+3=11. \text{ 11}$$

Exercise 2 - Fill the ten frame

Move 3 dots from the 6 to the 7. Now the first frame is full: $7+3=10$. The second frame has 3 dots left: $10+3=13$.



The orange dots filled the first frame.

13

Exercise 3 - Doubles fact

Eight and eight is a doubles fact. $8+8=16$. **16**

Exercise 4 - Near doubles

$7+7=14$. Since 8 is one more than 7, add 1: $14+1=15$. **15**

Exercise 5 - Break apart to ten

Give 1 from the 5 to the 9. That makes 10, and 4 is left. $9+5=10+4$. **4** (the sum is 14)

Exercise 6 - Think addition

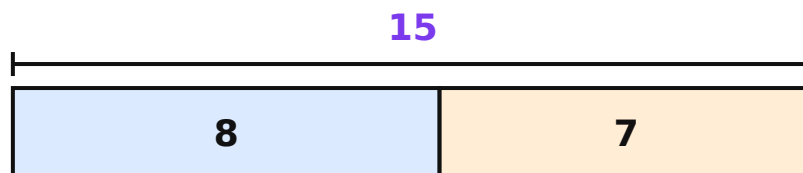
$5+8=13$, so $13-5=8$. **8**

Exercise 7 - Subtract from sixteen

From 9, count up to 16. 9 to 10 is 1. 10 to 16 is 6. $1+6=7$. Check: $9+7=16$. **7**

Exercise 8 - Missing addend

Subtract the known part: $15-8=7$.



The missing part is 7.

$8+7=15$. **7**

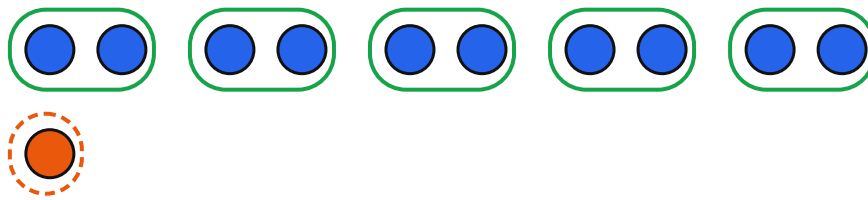
Exercise 9 - Fact family

$6+9=15$, $9+6=15$, $15-6=9$, and $15-9=6$.

Four facts: $6 + 9 = 15$, $9 + 6 = 15$, $15 - 6 = 9$, $15 - 9 = 6$

Exercise 10 - Pairs of dots

Make pairs. There are 5 pairs and 1 dot left over.



One dot has no partner.

One dot has no partner.

11 is **odd**.

Exercises 11 and up

Exercise 11 - Pick the even numbers

Even numbers end in 0, 2, 4, 6, or 8. 14 ends in 4. 20 ends in 0. 18 ends in 8.

14, 20, and 18

Exercise 12 - Equal addends

Split 14 into two equal groups: 7 and 7.

$$14 = 7 + 7. \quad \mathbf{7 + 7}$$

Exercise 13 - Read the chart

The numbers between 11 and 19 are 12 to 18. The blue squares are even.

12, 14, 16, 18

Exercise 14 - Two equal-addend sentences

$18 = 9 + 9$ and $10 = 5 + 5$.

9 + 9 and 5 + 5

Exercise 15 - Subtract with eight

$8 + 4 = 12$, so $12 - 8 = 4$. $8 + 9 = 17$, so $17 - 8 = 9$.

4 and 9

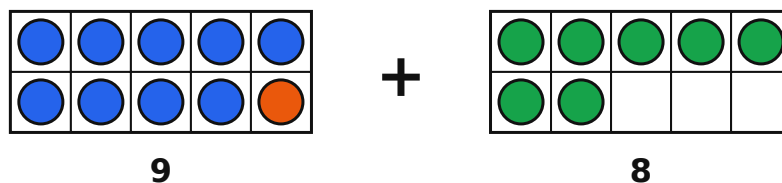
Exercise 16 - True or false

$9 + 8 = 17$ is true. $15 - 6 = 9$, not 8, so the second sentence is false.

True, false

Exercise 17 - Pinecones

Move 1 dot to fill the ten frame: $9 + 1 = 10$. Then $10 + 7 = 17$.

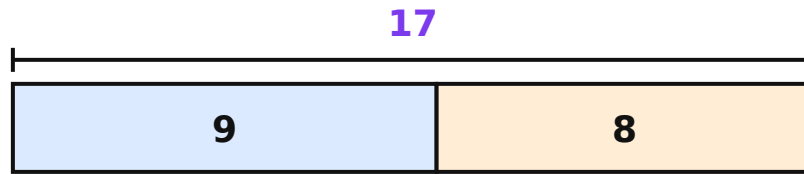


One dot filled the first frame.

Maya has 17 pinecones.

Exercise 18 - Sticker swap

Think addition: $9 + ? = 17$. $9 + 8 = 17$.

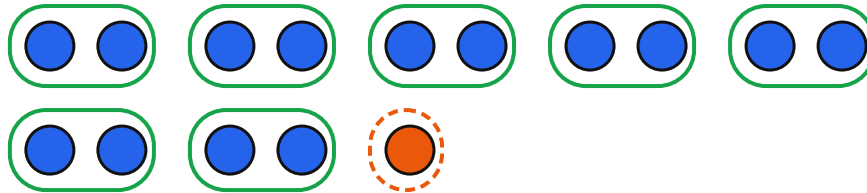


The missing part is 8.

Jamal has 8 stickers.

Exercise 19 - Ladybug pairs

Make pairs. There are 7 pairs and 1 ladybug left over.



One dot has no partner.

One ladybug has no partner.

No. 15 is odd, so one ladybug has no partner.

Exercise 20 - Sharing cups

Split 16 into two equal groups. $8 + 8 = 16$.

Each child gets 8 cups. $8 + 8 = 16$

Exercise 21 - Tulip bed

$6 + 6 = 12$. Then $12 + 1 = 13$.

13 ends in 3, so it is odd.

13 tulips; odd

Exercise 22 - Crayon box

Step 1: $18 - 9 = 9$.

Step 2: $9 + 4 = 13$.

Noah has 13 crayons.

Key facts behind this fluency even odd answers

Key facts

- Doubles add a number to itself: $8 + 8 = 16$.
- Make a ten by moving dots to fill a ten frame, then add the rest.
- Subtraction is a missing addend: $15 - 8$ asks $8 + ? = 15$.
- Even numbers end in 0, 2, 4, 6, or 8. Odd numbers end in 1, 3, 5, 7, or 9.
- Every even number up to 20 is a sum of two equal addends.

How to use this fluency even odd answers

Cover each solution, solve the exercise again, then uncover it and compare every line. If your answer differs, find the first step that changed and redo the exercise from there.

Download the fluency even odd answers as a PDF with the button below and keep it with your notes.