LESSON MAKER PRO

Make Ten Math

Use number parts to add and subtract within 20.

GRADE 2 · 2.NR.2.1

2.NR.2.1 "Fluently add and subtract within 20 using a variety of mental, part-whole strategies."

NAME _____ DATE _____

USE HELPFUL PARTS

When you add, split a number into parts to make 10. When you subtract, count back or break apart the number you take away. Use the parts that make the math easy.

WORKED EXAMPLE

A jar has 9 yellow beads. Add 6 green beads. How many beads are in the jar?

1. Start with 9.
2. Break 6 into 1 and 5.
3. Add 1 to make 10.
4. Add 5 more to get 15.

Answer: 15 beads

PRACTICE 5 problems

1 There are 7 red balloons and 7 blue balloons. How many balloons are there?

ANSWER _____

2 An aquarium has 18 fish. 4 fish swim behind a rock. How many fish can you still see?

ANSWER _____

3 Leo has 13 toy blocks. He gets 4 more toy blocks. How many toy blocks does he have now?

ANSWER _____

4 A basket has 16 apples. 8 apples are eaten. How many apples are left?

ANSWER _____

5 Nora has 11 stickers. She gets 2 more stickers. How many stickers does she have now?

ANSWER _____

APPLY IT Show your work

1 Jada has 17 toy cars. She gives 3 toy cars to her brother. How many toy cars does Jada have left?

WORK SPACE

ANSWER _____

2 At the park, 12 children are playing. 7 more children join them. How many children are playing now?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A crayon box has 19 crayons. Ben uses 7 crayons. How many crayons are left? Explain how you counted back.

WORK SPACE AND ANSWER

ANSWER KEY

Make Ten Math

GRADE 2 · 2.NR.2.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	There are 7 red balloons and 7 blue balloons. How many balloons are there?	**14 balloons**
2	An aquarium has 18 fish. 4 fish swim behind a rock. How many fish can you still see?	**14 fish**
3	Leo has 13 toy blocks. He gets 4 more toy blocks. How many toy blocks does he have now?	**17 toy blocks**
4	A basket has 16 apples. 8 apples are eaten. How many apples are left?	**8 apples**
5	Nora has 11 stickers. She gets 2 more stickers. How many stickers does she have now?	**13 stickers**

PART 2 · APPLY IT

1. **14 toy cars** Subtract 3 from 17. Jada has 14 toy cars left.
2. **19 children** Add 7 to 12. There are 19 children playing.

CHALLENGE

12 crayons. Count back 7 from 19: 19 - 5 = 14, then 14 - 2 = 12.

Accept correct mental strategies, including making 10, counting on, counting back, or breaking apart a number. For the challenge, accept any clear explanation that shows 19 - 7 = 12.