

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

CHALLENGE

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

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 $19 - 7 = 12$.