LESSON MAKER PRO

Make Ten Math

Use smart facts to add and subtract within 20.

GRADE 2 · 2.CE.1.d

2.CE.1.d "Demonstrate fluency with addition and subtraction within 20 by applying reasoning strategies (e.g., doubles, near doubles, make-a-ten, compensations, inverse relationships)."

NAME _____ DATE _____

MAKE A TEN

When you add, you can break apart a number to make 10 first. When you subtract, use a fact you know, such as a double, to help you find the answer.

WORKED EXAMPLE

Ava has 7 buttons. She gets 6 more buttons. How many buttons does Ava have?

1. Break 6 into 3 and 3.
2. 7 + 3 = 10.
3. 10 + 3 = 13.

Answer: 13 buttons

PRACTICE 5 problems

1 Lena has 9 toy cars. She gets 8 more toy cars. How many toy cars does she have?

ANSWER _____

2 A crayon box has 16 crayons. A child uses 8 crayons. How many crayons are left?

ANSWER _____

3 Kai has 11 grapes. He gets 5 more grapes. How many grapes does he have?

ANSWER _____

4 There are 19 stickers. Mia gives 5 stickers to a friend. How many stickers are left?

ANSWER _____

5 A jar has 12 marbles. Put 8 more marbles in the jar. How many marbles are in the jar?

ANSWER _____

APPLY IT Show your work

1 Noah has 18 trading cards. He gives 9 cards to his cousin. How many trading cards does Noah have left?

WORK SPACE

ANSWER _____

2 A snack tray has 12 apple slices. Four slices are eaten. How many apple slices are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A pet shop has 18 fish. Nine fish are goldfish. The rest are silver fish. How many silver fish are there? Explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Make Ten Math

GRADE 2 · 2.CE.1.d

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Lena has 9 toy cars. She gets 8 more toy cars. How many toy cars does she have?	**17 toy cars**
2	A crayon box has 16 crayons. A child uses 8 crayons. How many crayons are left?	**8 crayons**
3	Kai has 11 grapes. He gets 5 more grapes. How many grapes does he have?	**16 grapes**
4	There are 19 stickers. Mia gives 5 stickers to a friend. How many stickers are left?	**14 stickers**
5	A jar has 12 marbles. Put 8 more marbles in the jar. How many marbles are in the jar?	**20 marbles**

PART 2 · APPLY IT

1. **9 trading cards** Use the double fact 9 + 9 = 18. So 18 - 9 = 9.
2. **8 apple slices** Subtract 4 from 12. 12 - 4 = 8.

CHALLENGE

9 silver fish. 9 + 9 = 18, so 18 - 9 = 9.

Accept correct answers with or without unit words. For the challenge, accept any clear explanation using the double fact or a related addition fact.