LESSON MAKER PRO

# Quick Add Choices

*Pick a smart way to add.*

**GRADE 2 · 2.NOS.C.8.c**

**2.NOS.C.8.c** "Determine and explain when a strategy is most efficient."

NAME _____ DATE _____

## CHOOSE YOUR WAY

When you add 1 or 2, count on from the bigger number. When a number is close to the next ten, make that ten first, then add what is left. Choose the way that takes fewer counting steps.

## WORKED EXAMPLE

There are 17 toy cars. You get 5 more. How many toy cars are there now?

1. 17 needs 3 to make 20.
2. Split 5 into 3 and 2.
3. 17 + 3 = 20. Then 20 + 2 = 22.

**Answer: 22 toy cars. Making a ten is quick because 17 is close to 20.**

## PRACTICE 5 problems

**1** You have 13 stickers and get 1 more. Pick count on or make a ten. How many stickers do you have? Tell why your way is quick.

**ANSWER** _____

**2** A jar has 19 marbles. You put in 6 more. Pick count on or make a ten. How many marbles are in the jar? Tell why your way is quick.

**ANSWER** _____

**3** There are 24 blocks in a bin. You add 2 blocks. Pick count on or make a ten. How many blocks are there? Tell why your way is quick.

**ANSWER** _____

**4** You have 28 beads and get 4 more. Pick count on or make a ten. How many beads do you have? Tell why your way is quick.

**ANSWER** _____

**5** A shelf has 31 books. You add 1 book. Pick count on or make a ten. How many books are on the shelf? Tell why your way is quick.

**ANSWER** _____

## APPLY IT Show your work

**1** There are 46 cupcakes at a party. A friend brings 2 more. How many cupcakes are there? Choose count on or make a ten, and tell why.

WORK SPACE

**ANSWER** _____

**2** A class has 39 paper stars. The students make 7 more. How many stars do they have? Choose count on or make a ten, and tell why.

WORK SPACE

**ANSWER** _____

## CHALLENGE One step up

A box has 38 crayons. Sam adds 7 crayons. Sam wants to count on 7 times. Lee wants to make a ten. Which way takes fewer counting steps? How many crayons are there? Explain.

WORK SPACE AND ANSWER

**ANSWER KEY**

# Quick Add Choices

**GRADE 2 · 2.NOS.C.8.c**

## PART 1 · PRACTICE

| # | PROBLEM | ANSWER |
|---|---|---|
| 1 | You have 13 stickers and get 1 more. Pick count on or make a ten. How many stickers do you have? Tell why your way is quick. | **14 stickers. Count on because you only need to count 1 more.** |
| 2 | A jar has 19 marbles. You put in 6 more. Pick count on or make a ten. How many marbles are in the jar? Tell why your way is quick. | **25 marbles. Make a ten because 19 needs only 1 to reach 20, then add 5.** |
| 3 | There are 24 blocks in a bin. You add 2 blocks. Pick count on or make a ten. How many blocks are there? Tell why your way is quick. | **26 blocks. Count on because you only need to count 2 more.** |
| 4 | You have 28 beads and get 4 more. Pick count on or make a ten. How many beads do you have? Tell why your way is quick. | **32 beads. Make a ten because 28 + 2 = 30, then 30 + 2 = 32.** |
| 5 | A shelf has 31 books. You add 1 book. Pick count on or make a ten. How many books are on the shelf? Tell why your way is quick. | **32 books. Count on because you only need to count 1 more.** |

## PART 2 · APPLY IT

1. **48 cupcakes. Count on because you only need to count 2 more.** Count on twice from 46: 47, 48.
2. **46 stars. Make a ten because 39 needs only 1 to reach 40, then add 6.** Split 7 into 1 and 6. Add 39 + 1 = 40, then 40 + 6 = 46.

## CHALLENGE

**Making a ten takes fewer counting steps. There are 45 crayons: 38 + 2 = 40, then 40 + 5 = 45.**

Accept other correct methods if the student explains why the method is quick for those numbers. For the challenge, making a ten is quicker than counting on 7 times.