LESSON MAKER PRO

Hop to Ten

Add and subtract by making a ten.

GRADE 2 · 2.NOS.C.8.a

2.NOS.C.8.a "Use strategies based on counting (e.g., counting on, counting back) and place value (e.g., partial sums, making tens, etc.) to add and subtract."

NAME _____ DATE _____

MAKE A TEN

When you add, split a number to reach the next ten. Then add what is left. When you subtract, count back to a ten, then count back the rest.

WORKED EXAMPLE

A toy box has 46 rockets. You put 7 more rockets in it. How many rockets are in the box now?

1. Split 7 into 4 and 3.
2. 46 + 4 = 50.
3. 50 + 3 = 53.

Answer: 53 rockets

PRACTICE 5 problems

1 Mia has 18 stickers. She gets 6 more. How many stickers does she have now?

ANSWER _____

2 A cup holds 34 crayons. You put 8 more in the cup. How many crayons are in the cup now?

ANSWER _____

3 Leo has 52 marbles. He gives away 9. How many marbles does he have left?

ANSWER _____

4 There are 29 beads in a jar. You add 4 beads. How many beads are in the jar now?

ANSWER _____

5 A bin has 63 toy cars. Kids take out 8. How many toy cars are left?

ANSWER _____

APPLY IT Show your work

1 At a card swap, Nia has 38 cards. Her friend gives her 5 more. How many cards does Nia have now?

WORK SPACE

ANSWER _____

2 A class has 64 paper crowns for a play. The kids use 6 crowns. How many crowns are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A class has 48 paper stars. The kids make 15 more. How many paper stars do they have now? Show how you make a ten.

WORK SPACE AND ANSWER

ANSWER KEY

Hop to Ten

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Mia has 18 stickers. She gets 6 more. How many stickers does she have now?	**24 stickers**
2	A cup holds 34 crayons. You put 8 more in the cup. How many crayons are in the cup now?	**42 crayons**
3	Leo has 52 marbles. He gives away 9. How many marbles does he have left?	**43 marbles**
4	There are 29 beads in a jar. You add 4 beads. How many beads are in the jar now?	**33 beads**
5	A bin has 63 toy cars. Kids take out 8. How many toy cars are left?	**55 toy cars**

PART 2 · APPLY IT

1. **43 cards** Add 2 to reach 40, then add the remaining 3 to get 43.
2. **58 crowns** Count back 4 to reach 60, then count back 2 more to get 58.

CHALLENGE

63 paper stars. Add 2 to reach 50, then add 13 to get 63.

Accept counting-on, counting-back, or place-value steps that give the correct answer. For the challenge, accept any clear way to make 50 before adding the rest.