LESSON MAKER PRO

Equal Pair Power

Show even numbers as two matching parts.

GRADE 2 · 2.NS.1.h

2.NS.1.h "Represent even numbers (up to 50) with concrete objects, using two equal groups or two equal addends."

NAME _____ DATE _____

SPLIT EVEN NUMBERS

An even number can be split into two equal groups. You can show the groups with two equal addends.

WORKED EXAMPLE

16 buttons go into two equal cups. Write two equal addends to show the buttons in the cups.

1. Start with 16 buttons.
2. Split 16 into 2 equal cups.
3. Each cup has 8 buttons.

Answer: 16 = 8 + 8

PRACTICE 5 problems

1 6 crayons are put into 2 equal boxes. Write two equal addends.

ANSWER _____

2 10 toy cars are put into 2 equal bins. Write two equal addends.

ANSWER _____

3 12 grapes are shared between 2 equal bowls. Write two equal addends.

ANSWER _____

4 14 shells are put into 2 equal bags. Write two equal addends.

ANSWER _____

5 20 stickers are put on 2 equal pages. Write two equal addends.

ANSWER _____

APPLY IT Show your work

1 Noah has 18 baseball cards. He puts the cards into 2 equal piles. How many cards are in each pile? Write an addition sentence. ACTUALLY MODEL the cards: your teacher gives you 18 counters and two mats. Count the counters and put one on each mat in turn until none remain. Count both groups, show your teacher, and use your model to write the addition sentence.

WORK SPACE

ANSWER _____

2 Ava has 24 berries for 2 equal snack bowls. How many berries go in each bowl? Write an addition sentence.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A pet shop puts 50 fish into 2 equal tanks. How many fish are in each tank? Write an addition sentence.

WORK SPACE AND ANSWER

ANSWER KEY

Equal Pair Power

GRADE 2 · 2.NS.1.h

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	6 crayons are put into 2 equal boxes. Write two equal addends.	**6=3+3**
2	10 toy cars are put into 2 equal bins. Write two equal addends.	**10 = 5 + 5**
3	12 grapes are shared between 2 equal bowls. Write two equal addends.	**12 = 6 + 6**
4	14 shells are put into 2 equal bags. Write two equal addends.	**14 = 7 + 7**
5	20 stickers are put on 2 equal pages. Write two equal addends.	**20 = 10 + 10**

PART 2 · APPLY IT

1. **9 cards in each pile. 18 = 9 + 9** Split 18 into 2 equal piles. Each pile has 9 cards. Supply 18 counters and two mats before the task. Observe 9 on each mat, all 18 used once, none left. Require the actual child grouping and 18 = 9 + 9; allow oral explanation and adult recording.
2. **12 berries in each bowl. 24 = 12 + 12** Split 24 into 2 equal bowls. Each bowl has 12 berries.

CHALLENGE

25 fish in each tank. 50 = 25 + 25

Accept either an addition sentence or a clear statement of two equal groups when both parts are correct. The addends may be written in either order. Apply 1 includes actual concrete grouping, not only an equation about imagined cards. Check both groups have 9 and no counter is omitted or left over. Other symbolic practice and the 50-fish challenge remain valid.