LESSON MAKER PRO

Pair It Up

Show even and odd numbers with equal parts.

GRADE 2 · MA.2.AR.3.1

MA.2.AR.3.1 "Represent an even number using two equal groups or two equal addends. Represent an odd number using two equal groups with one left over or two equal addends plus 1."

NAME _____ DATE _____

EQUAL GROUPS

An even number can be split into two equal groups. An odd number has two equal groups and 1 left over. You can also show this with two equal addends, and add 1 for an odd number.

WORKED EXAMPLE

Ava has 6 shells. Show 6 as two equal addends.

1. Split 6 shells into 2 equal groups.
2. Put 3 shells in each group.
3. Write 3 + 3 = 6.

Answer: 3 + 3 = 6

PRACTICE 5 problems

1 Ben has 8 toy cars. Write two equal addends to show 8.

ANSWER _____

2 There are 12 crackers. Write two equal addends to show 12.

ANSWER _____

3 Nora has 7 buttons. Write two equal addends plus 1 to show 7.

ANSWER _____

4 A pet shop has 5 fish. Write two equal addends plus 1 to show 5.

ANSWER _____

5 Kai has 10 pencils. Write two equal addends to show 10.

ANSWER _____

APPLY IT Show your work

1 Jada has 9 grapes for a snack. She puts them into two equal bowls. How many grapes go in each bowl, and how many are left over? Write an addition sentence.

WORK SPACE

ANSWER _____

2 Owen has 14 game tokens. He shares them between two players so each player gets the same number. Write an addition sentence to show the share.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Riley has 17 stickers. Riley wants two equal groups, with 1 sticker left over. How many stickers are in each group? Write an addition sentence and explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Pair It Up

GRADE 2 · MA.2.AR.3.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Ben has 8 toy cars. Write two equal addends to show 8.	**4+4=8**
2	There are 12 crackers. Write two equal addends to show 12.	**6 + 6 = 12**
3	Nora has 7 buttons. Write two equal addends plus 1 to show 7.	**3+3+1=7**
4	A pet shop has 5 fish. Write two equal addends plus 1 to show 5.	**2+2+1=5**
5	Kai has 10 pencils. Write two equal addends to show 10.	**5 + 5 = 10**

PART 2 · APPLY IT

1. **4 grapes in each bowl and 1 left over. 4 + 4 + 1 = 9** Put 4 grapes in each of the two bowls. One grape is left over.
2. **7 + 7 = 14** Each player gets 7 tokens. The two equal groups make 14.

CHALLENGE

8 stickers are in each group. 8 + 8 + 1 = 17. Two groups of 8 make 16, and 1 more makes 17.

Accept equivalent addition sentences with the two equal addends in either order. For odd numbers, students should show two equal parts and exactly 1 left over.