

Partner Count Fun

Find out if each group is odd or even.

GRADE 2 • NY-2.OA.3.a

NY-2.OA.3.a "Determine whether a group of objects (up to 20) has an odd or even number of members."

NAME _____

DATE _____

MAKE PAIRS

Put objects into pairs. If every object has a partner, the number is even. If one object is left without a partner, the number is odd.

WORKED EXAMPLE

A tray has 12 game pieces. Is 12 odd or even?



1. Count 12 game pieces.
2. Make 6 pairs.
3. No game piece is left over.

Answer: 12 is even.

PRACTICE 5 problems

- 1** A toy box has 7 toy dinosaurs. Write odd or even.

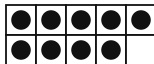
ANSWER _____

- 2** The picture shows 14 crackers. Write odd or even.



ANSWER _____

- 3** The picture shows 9 apples. Write odd or even.



ANSWER _____

- 4** A jar has 20 buttons. Write odd or even.

ANSWER _____

- 5** There are 5 kittens in a pet shop. Write odd or even.

ANSWER _____

APPLY IT

Show your work

- 1** Luis has 16 trading cards. He puts the cards into pairs. Does every card have a partner? Is 16 odd or even?

WORK SPACE

ANSWER _____

- 2** Ava brings 11 grapes for snack time. She puts the grapes into pairs. Is 11 odd or even?

WORK SPACE

ANSWER _____

CHALLENGE

One step up

Jae has 17 marbles. Jae says 17 is even because it is a big number. Is Jae right? Explain by telling about pairs.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy box has 7 toy dinosaurs. Write odd or even.	Odd
2	The picture shows 14 crackers. Write odd or even.	Even
3	The picture shows 9 apples. Write odd or even.	Odd
4	A jar has 20 buttons. Write odd or even.	Even
5	There are 5 kittens in a pet shop. Write odd or even.	Odd

PART 2 • APPLY IT

1. **Every card has a partner. 16 is even.** 16 cards make 8 pairs. No card is left over, so the number is even.
2. **11 is odd.** 11 grapes make 5 pairs with 1 grape left over. A number with 1 left over is odd.

CHALLENGE

No. 17 is odd because it makes 8 pairs with 1 marble left over.

Accept "odd" or "even" with any capitalization. For the challenge, accept an explanation that shows 8 pairs and 1 leftover marble.