LESSON MAKER PRO

Pairs in Play

Connect tables, ordered pairs, and graphs.

GRADE 5 · 5.AT.B.3.c

5.AT.B.3.c "Use tables, ordered pairs, and graphs to represent the relationship between quantities."

NAME _____ DATE _____

FIND THE RULE

An ordered pair shows two amounts in a set order. Use a table or graph to find how the first amount connects to the second.

WORKED EXAMPLE

Use the table to complete (23, ____).

CARDS IN PACKS

Packs	Cards
17	34
19	38

1. 34 / 17 = 2 cards per pack.
2. 23 × 2 = 46 cards.

Answer: (23, 46)

PRACTICE 4 problems

1 You earn 3 points per comic read. Complete (4, ___).

ANSWER _____

2 Each lap earns 5 points. Write the ordered pair for 2 laps.

ANSWER _____

3 These pairs follow one rule: (0, 0), (2, 6), (4, 12). Complete (5, ___).

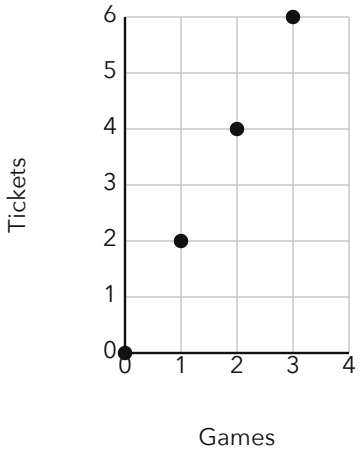
ANSWER _____

4 These pairs follow one rule: (0, 2), (1, 5), (2, 8). Complete (4, ___).

ANSWER _____

APPLY IT Show your work

1 The graph shows tickets earned at an arcade. Write the ordered pair for 2 games.



ANSWER _____

2 A club packs fruit for movie night. Use the table to write the ordered pair for 4 bags.

MOVIE NIGHT FRUIT

Bags	Fruit pieces
1	5
2	10
3	15

ANSWER _____

CHALLENGE One step up

The pairs (0, 4), (1, 7), and (2, 10) show a sticker total after each day. Write the pair for day 5. Explain your rule.

WORK SPACE AND ANSWER

ANSWER KEY

Pairs in Play

GRADE 5 · 5.AT.B.3.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	You earn 3 points per comic read. Complete (4, ___).	**(4, 12)**
2	Each lap earns 5 points. Write the ordered pair for 2 laps.	**(2, 10)**
3	These pairs follow one rule: (0, 0), (2, 6), (4, 12). Complete (5, ___).	**(5, 15)**
4	These pairs follow one rule: (0, 2), (1, 5), (2, 8). Complete (4, ___).	**(4, 14)**

PART 2 · APPLY IT

1. **(2, 4)** Find 2 games on the horizontal axis. The plotted point shows 4 tickets.
2. **(4, 20)** Each bag has 5 fruit pieces, so 4 bags have 4 × 5 = 20 pieces.

CHALLENGE

(5, 19). Start with 4 stickers on day 0 and add 3 each day.

Ordered pairs must list the first quantity before the second. For the challenge, accept any explanation that identifies 4 stickers at day 0 and 3 more each day.