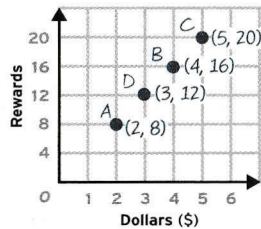


> WORKED EXAMPLE

The table shows loyalty rewards Chris earns for each dollar he spends at a store. Graph these ratios as ordered pairs and plot another equivalent ratio.

Point	Dollars Spent	Rewards
A	2	8
B	4	16
C	5	20



STEP 1 Describe and plot point A.
 Chris spends \$ 2 and earns 8 rewards.

STEP 2 Describe and plot point B.
 Chris spends \$ 4 and earns 16 rewards.

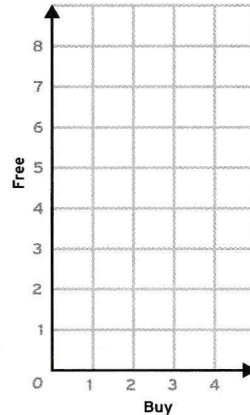
STEP 3 Describe and plot point C.
 Chris spends \$ 5 and earns 20 rewards.

STEP 4 Plot an equivalent ratio.
 Chris spends \$ 3 and earns 12 rewards.

> TRY IT

1 A store is having an end-of-season sale. The table shows the number of items you get free for the number of items you buy. Graph these ratios as ordered pairs.

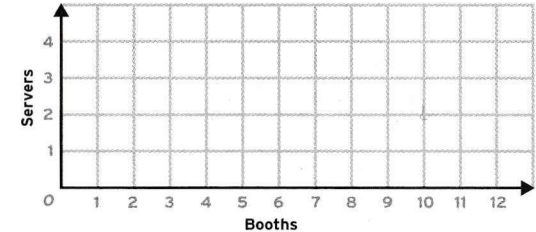
Point	Buy	Free
A	1	2
B	3	6
C	4	8



> GUIDED LEARNING

2 The table shows the number of booths and servers at a restaurant. Graph these ratios as ordered pairs and plot another equivalent ratio.

Point	Booths	Servers
A	3	1
B	6	2
C	12	4



STEP 1 Describe and plot point A.
 For _____ booths, there is _____ server.

STEP 2 Describe and plot point B.
 For _____ booths, there are _____ servers.

STEP 3 Describe and plot point C.
 For _____ booths, there are _____ servers.

STEP 4 Plot an equivalent ratio.
 For _____ booths, there are _____ servers.

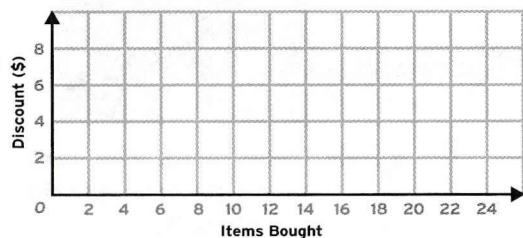
plot (*v*) to represent an ordered pair of numbers with a point

ordered pair (*n*) a pair of numbers used to locate the position of a point on a coordinate plane

> PRACTICE

3 The table shows the discount Hayley receives at a store. Graph these ratios as ordered pairs and plot another equivalent ratio.

Point	Items Bought	Discount (\$)
A	6	2
B	12	4
C	24	8



Hayley buys _____ items and gets a discount of \$_____.

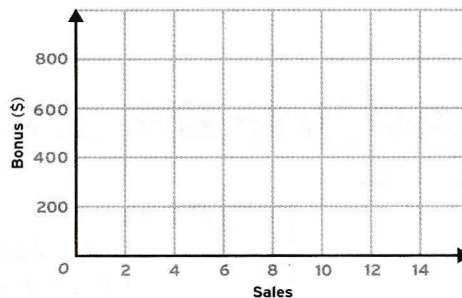
Hayley buys _____ items and gets a discount of \$_____.

Hayley buys _____ items and gets a discount of \$_____.

Hayley buys _____ items and gets a discount of \$_____.

4 The table shows the bonus Jan earns in sales commissions. Graph these ratios as ordered pairs and plot another equivalent ratio.

Point	Sales	Bonus (\$)
A	8	400
B	10	500
C	14	700



Jan makes _____ sales and earns a \$_____ bonus.

Jan makes _____ sales and earns a \$_____ bonus.

Jan makes _____ sales and earns a \$_____ bonus.

Jan makes _____ sales and earns a \$_____ bonus.

EXIT Ticket

775 MILLION ADULTS AROUND THE WORLD CAN'T READ

BLOCK 3

TOPIC 3

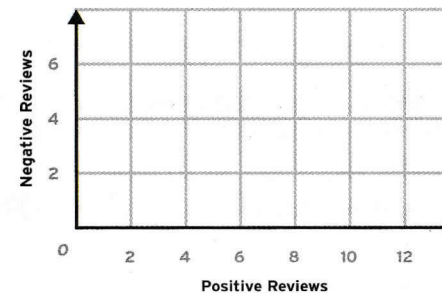
TOPIC 2

TOPIC 1

> Solve the problem.

The table shows the number of positive and negative reviews a restaurant receives online. Graph these ratios as ordered pairs.

Point	Positive Reviews	Negative Reviews
A	4	2
B	8	4
C	12	6



> Select all that apply.

Which of these ordered pairs are equivalent to the rates above?

- (6, 3)
- (10, 4)
- (16, 8)
- (2, 1)

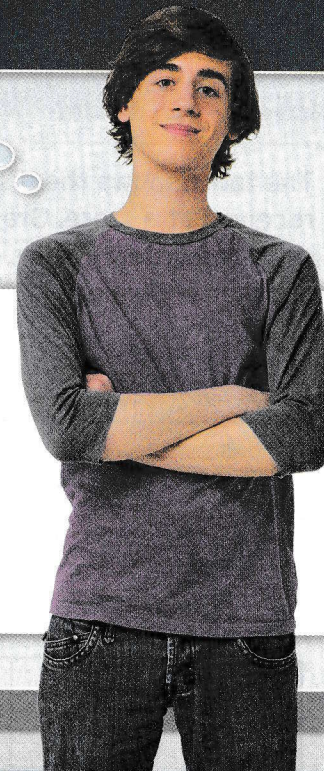
SCORE 0 1 2

0 = Incorrect or No Response
1 = Partial Response
2 = Complete and Accurate

RULES

Battle of the Ratios (Level 1)

I need to remember the way we write ordered pairs: (horizontal value, vertical value).



What You Need

- *mSpace* pages 106–109

What to Know

- Players decide who is X and O.
- Players change one of the values of the ordered pair after the first turn.

How to Win

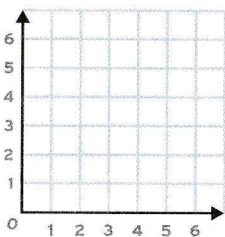
- The first player to plot four points in a row wins.

> HOW TO PLAY

BLOCK 3

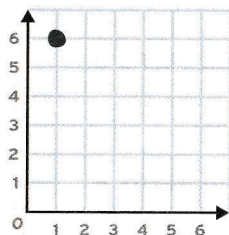
STEP 1 Player A chooses a ratio and records the ordered pair.

TURN	RATIO	ORDERED PAIR
1	1:6	(1, 6)
2		
3		
4		



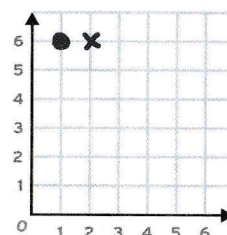
STEP 2 Player A plots the ratio.

TURN	RATIO	ORDERED PAIR
1	1:6	(1, 6)
2		
3		
4		



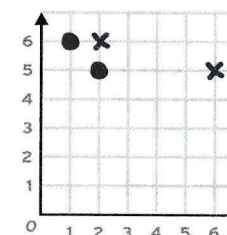
STEP 3 Player B changes one of the values of Player A's ratio and plots the new point.

TURN	RATIO	ORDERED PAIR
1	1:6	(1, 6)
2	2:6	(2, 6)
3		
4		



STEP 4 Trade turns. The next player records a ratio and plots it.

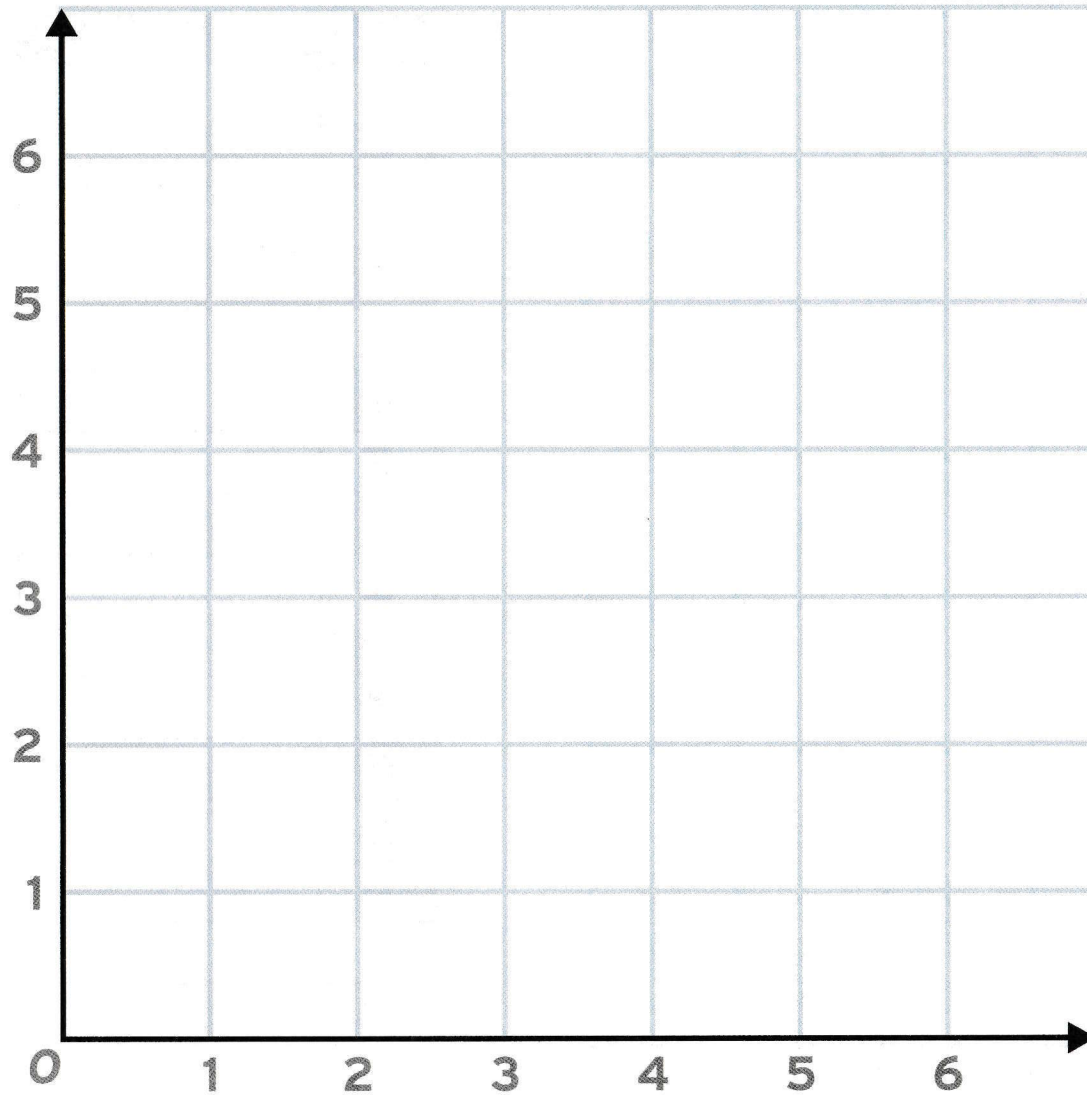
TURN	RATIO	ORDERED PAIR
1	1:6	(1, 6)
2	2:6	(2, 6)
3	2:5	(2, 5)
4	6:5	(6, 5)



Battle of the Ratios

(Level 1)

➤ Record the ratios and ordered pairs in the table.



TURN	RATIO	ORDERED PAIR
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		