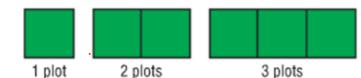
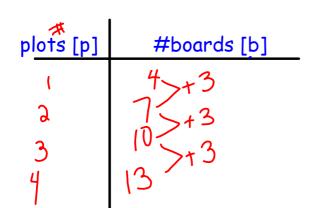
Warm-Up
A landscape designer uses wooden boards as edging for the plots in a herb garden.







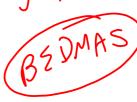
A) Write an equation to show how to calculate the number of boards?

B) Describe the relationship

As p increases by 1, b increases by 3.

ny boards are used? b = 3p + 1 B = 3p + 1

c) If you have 24 plots how many boards are used?



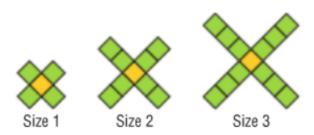
7. The pattern in this table continues. Which expression below represents the number of squares in terms of the figure number?

Figure, f	Number of Squares, s
1	6 >+1
2	7 5+1
3	8 5 1
4	9 7 \
5	10 / 1

- a) 5f b) 2f c) f + 5 d) s + 5

Page 159

8. This pattern of squares continues. Which equation below relates the number of squares, *n*, in a picture to the size number, *s*?



- a) n = s + 4
- b) n = 4s
- c) n = 4s + 1
- d) s = 4n

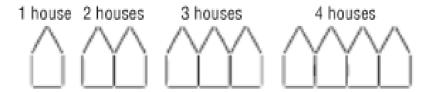
Size#	# of squares (n)
1 2 3	5 >+4 9 >+4 13

$$n = 45 + 1$$

Here is a pattern made with toothpicks.

The pattern continues.

#10 pg 159 Diagram



- A. Make a table of values.
- B. Write an equation that relates the number of houses to the number of toothpicks!

 # house>(h) | # toothpicks (t)



What is the number of toothpicks needed for

156 houses?

BEDMAS

D. If you used 45 toothpicks how many

fouses do you have?

lesson 1b.notebook February 25, 2020

Bob's taxi had a sign that read

Fixed cost \$3.60

\$1.50 per kilometr<u>e</u>

A. Write ar equation that relates the cost to distance travelled.



Let statement for both variables

B. What is the cost for an 11-km ride.



If I have \$32.00 how far can I go?

lesson 1b.notebook February 25, 2020

#4, 5, 6 from yesterday

Page 159-161

#11 * Draw the table

* show the common difference

* write the equation

12. a, c,d,e

14. a, b,c

15. a, b,c

16. a,b

17. Make a table...[size.... number of stones]

19. ***Figure number with PERIMETER*** [count around

the shape]

Figure number with AREA [count the blocks inside the shape]

Pg 159

Answers

pg 487-488

lesson 1b.notebook February 25, 2020