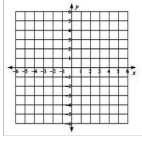
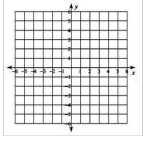


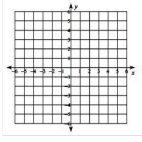
OA Intro Slope-Intercept Form Name _____ Per: _____
 NO WORK, NO CREDIT. PENCIL ONLY.

1. $y = mx + b$ What does the m represent? _____ What does the b represent? _____

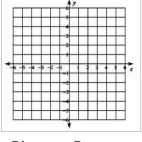
Give the slope, y-intercept and x-intercept and sketch the graph of each line

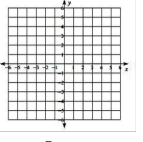
2. $y = -\frac{3}{2}x + 6$  Rise: _____ Run: _____
 Slope: _____
 y-intercept: (0, _____)
 x-intercept: (_____, 0)

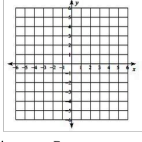
3. $y + 9x = 3$  Rise: _____ Run: _____
 Slope: _____
 y-intercept: _____
 x-intercept: _____

4. $2x - y = 4$  Rise: _____ Run: _____
 Slope: _____
 y-intercept: _____
 x-intercept: _____

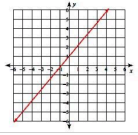
Sketch the graph from the following and write the equation of the line.

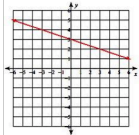
5. $A(-3, -4)$ and $B(2, 6)$  Rise: _____ Run: _____
 Equation: _____

6. $(5, 0)$ and $b = (0, 3)$  Rise: _____ Run: _____
 Equation: _____

7. $m = \frac{1}{2}$ and $(2, 6)$  Rise: _____ Run: _____
 Equation: _____

Mark the rise and run on the graph or table below and then write the equation of the line.

8. Equation: _____  Rise: _____ Run: _____

9. Equation: _____  Rise: _____ Run: _____

10. Equation: _____

X	Y
0	5
1	8
2	11

Write an equation for the following.

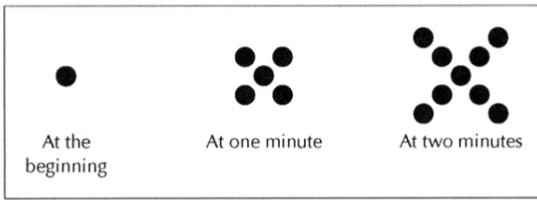
11. Grandma opens a savings account and deposits \$50 when Sara is born. Every year, on her birthday, Grandma deposits \$20 more. Write an equation to tell how much money Sara will have in any given year.

Aug 25-7:54 AM



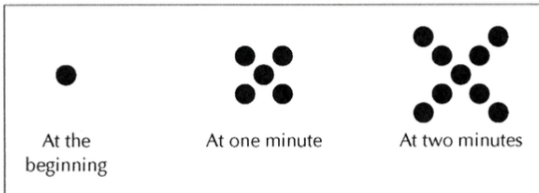
Aug 25-7:53 AM

Growing Dots



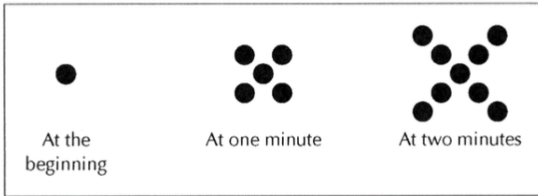
Describe the pattern that you see in the sequence

Aug 22-2:28 PM



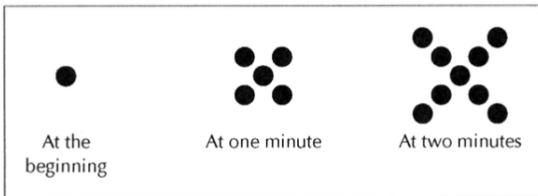
Assuming the pattern continues in the same way, how many dots are there at 3 minutes?

Aug 24-10:56 AM



How many dots are there at 100 minutes?

Aug 24-10:57 AM



How many dots are there at t minutes?

Aug 24-10:58 AM