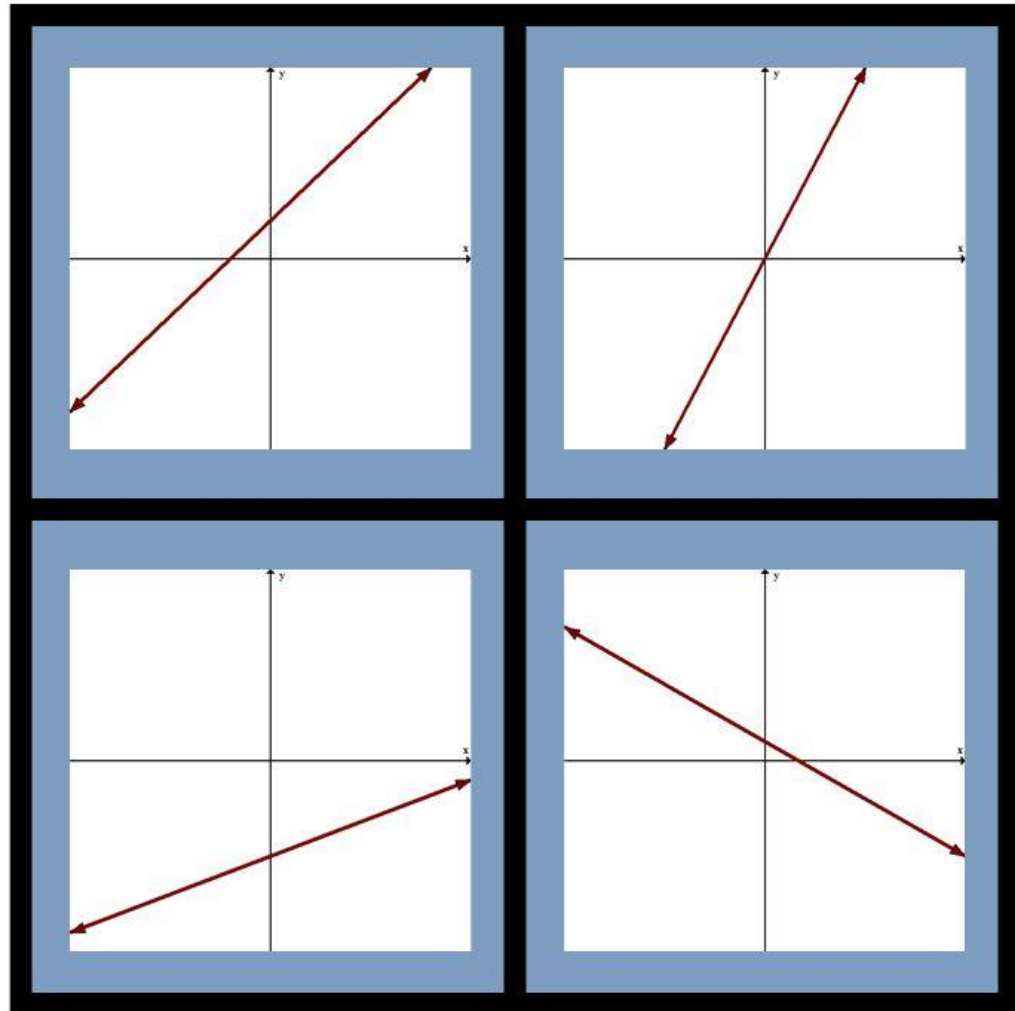


Created by Mr. Lischwe

Warmup 5/(The smallest prime number)

1. Pick a graph, and give a reason why it doesn't belong.
2. Repeat for a different graph.
3. Repeat for a different graph.
4. Repeat for the last graph you haven't done yet.



Reminder...

- **Send 8th grade slide show pictures to Ms. Bolus**
- **Must be current 8th graders only, must be more than one person.**
- **There are a few more guidelines – read and follow the guidelines in the email she sent out**

Line Designs...

- Who wants to **keep** theirs?
- If you do, I will make a copy.

Also...

- MAP testing coming up early next week (probably Monday)



FIVE MINUTES

- Finalize your poster
- I will come around to say which groups are presenting



DURING THE PRESENTATIONS...

- Please be respectful
- It is the presenter's job to explain well enough that you understand. If you do not understand, ask a clarifying question.

Suppose there were 15 of each...

- 15 cars, 15 motorcycles
- $15 \times 4 + 15 \times 2 = 60 + 30 = 90$ wheels
- We are too low. Should our next guess be more cars or more motorcycles???
- More specifically, we are **8 wheels short**.
- If you change one motorcycle into one car, you **add two wheels**.
- So, we need to change **four motorcycles into cars**.
- $15 + 4 = 19$ cars

Full Parking Lot Problem

System of Equations

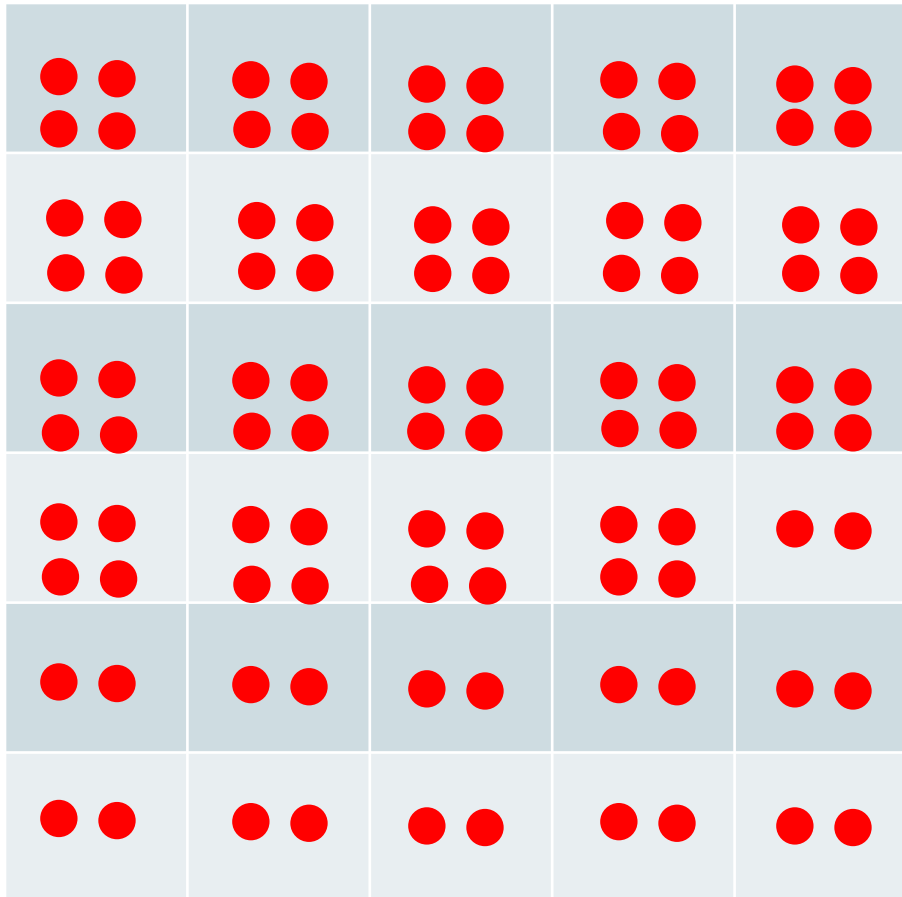
$$\begin{cases} 4C + 2M = 98 \\ C + M = 30 \end{cases}$$

$$\begin{aligned} 4C + 2M &= 98 \\ -2C - 2M &= -60 \end{aligned}$$

$$\begin{aligned} 4C + 2M &= 98 \\ -4C - 4M &= -120 \end{aligned}$$

$$\begin{aligned} 4C + 2M &= 98 \\ M &= 30 - C \end{aligned}$$

Picture



Due tomorrow...

- Mathematical Escape Problem
- You must solve it **two different ways!!!**