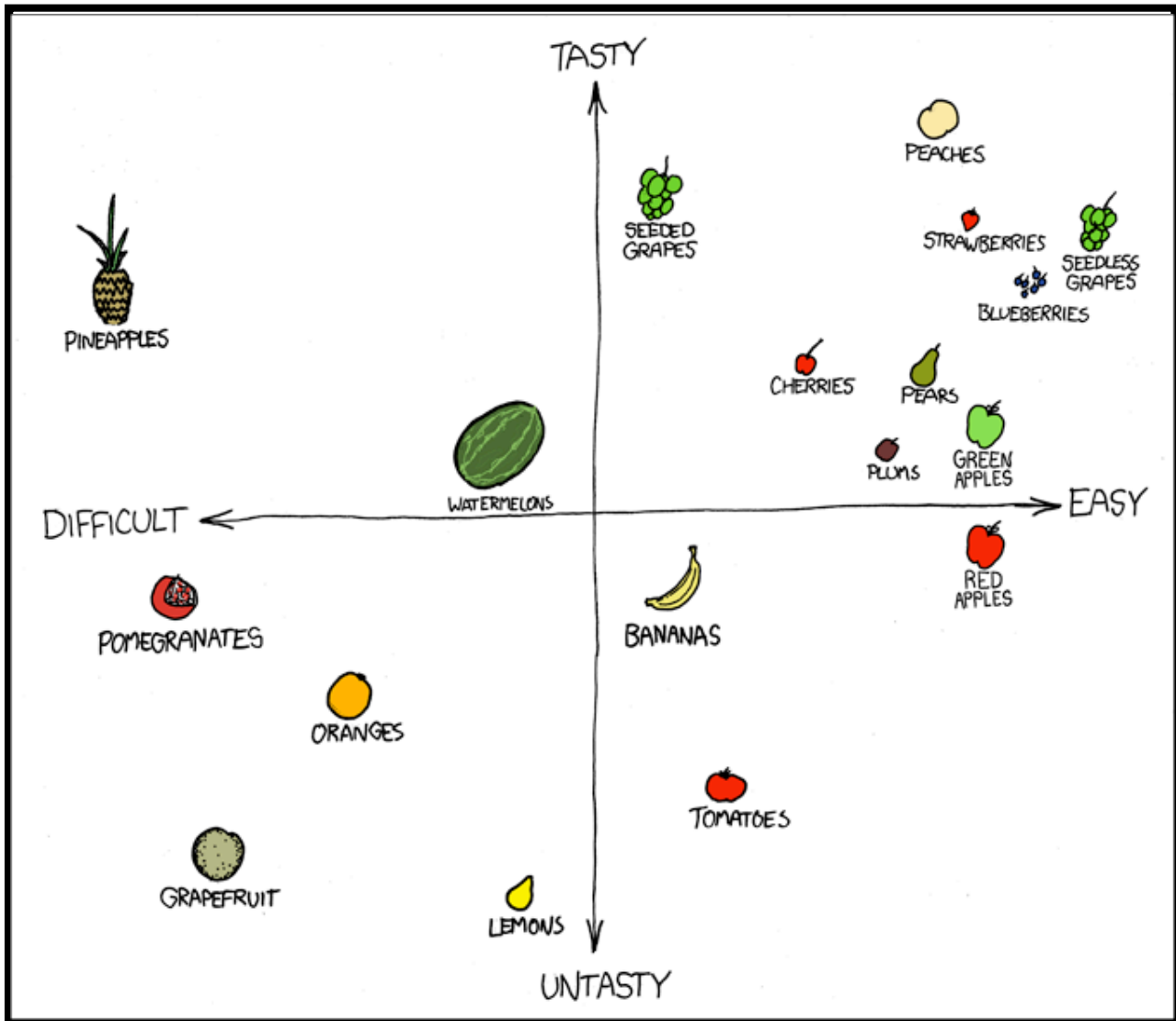


Do Now: Equations and Unit Rates Review

	Basic	Proficient	Advanced
Equation problem #1	$\frac{x}{3} = 9$	$\frac{2}{3}x - 5 = 1$	$7 - \frac{4}{5}x = 19$
Equation problem #2	$5x + 6 = -14$	$5 - 3x = 7 - 4x$	$4(2 - x) + 7 = 3(2x + 2) + 8x$
Unit Rate Comparison Problem	Jose ran 50 feet in 4 seconds. Find the unit rate (per second).	Amanda bought 2 notebooks for 5 dollars. Josephine bought 3 notebooks for 7 dollars. Which one got the better deal?	Noemi ate 13 pieces of candy in 4 minutes. Samantha ate 22 pieces of candy in 8 minutes. Who ate the candy faster? How much faster was she?



Questions:

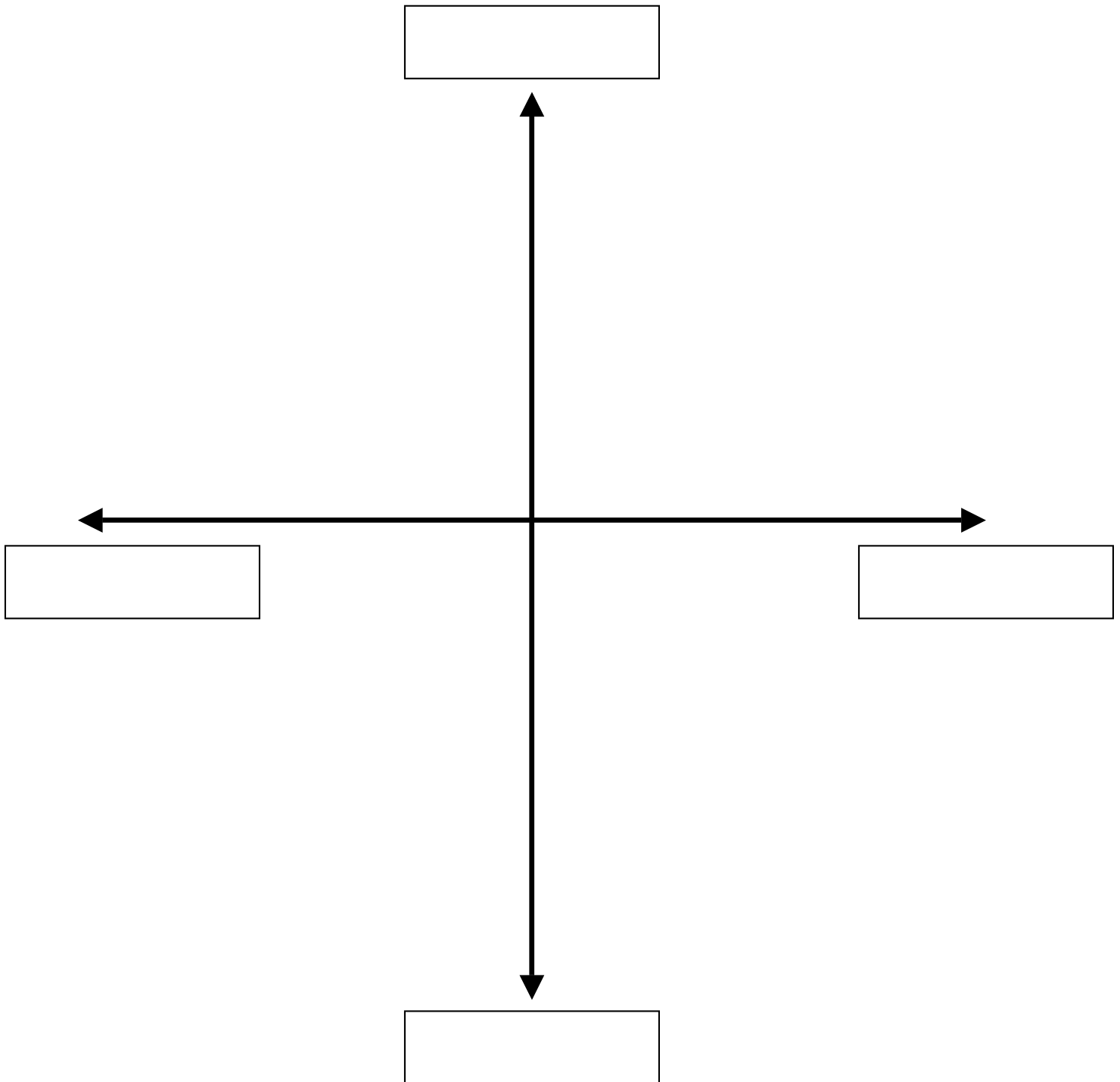
1. In this person's opinion, what fruit is the **easiest** to eat?
2. What fruit is the **most difficult** to eat?
3. Which fruit is the **most tasty**?
4. Which fruit is the **most untasty**?
5. Which fruit does this person **like** the most? Why?
6. Which fruit does this person **dislike** the most? Why?

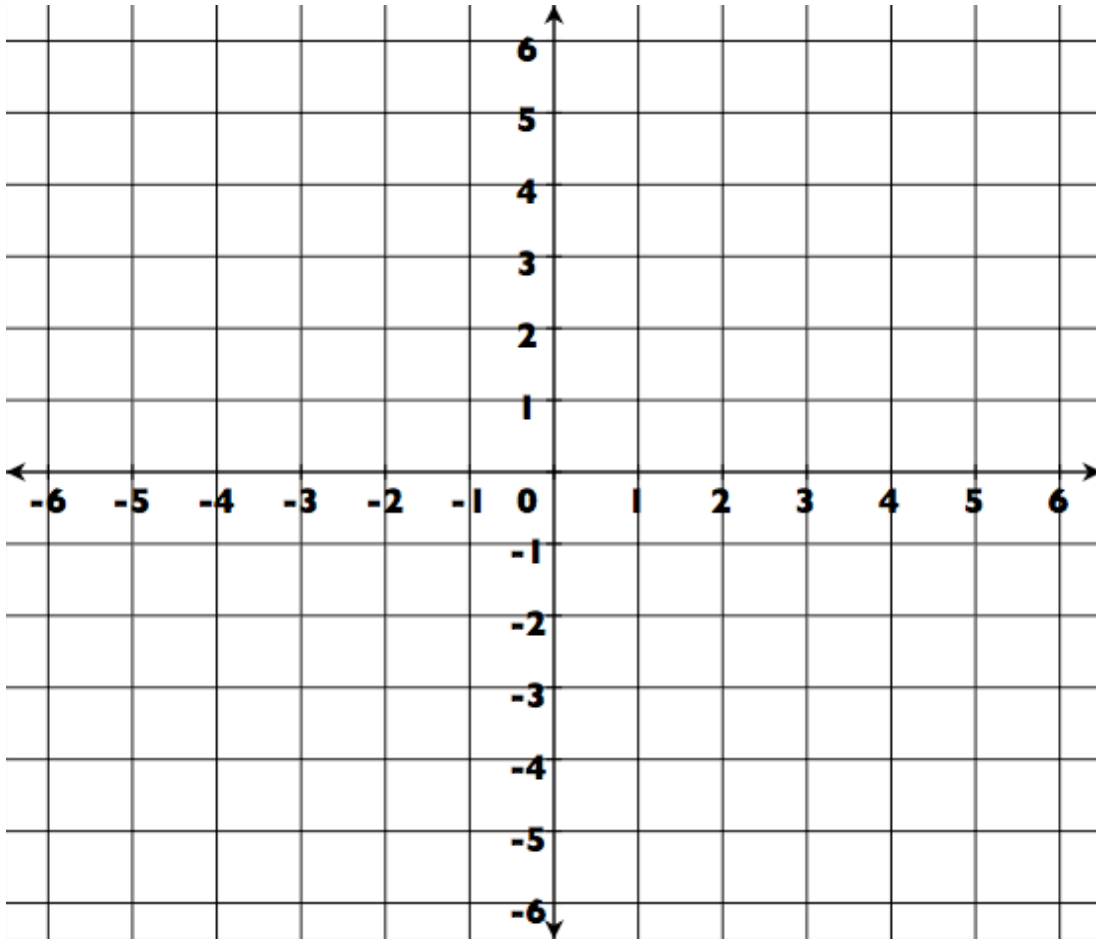
Directions:

1. Choose a pair of variables and fill in the labels on the two axes. Make sure you have **opposites** in the box on each axis.

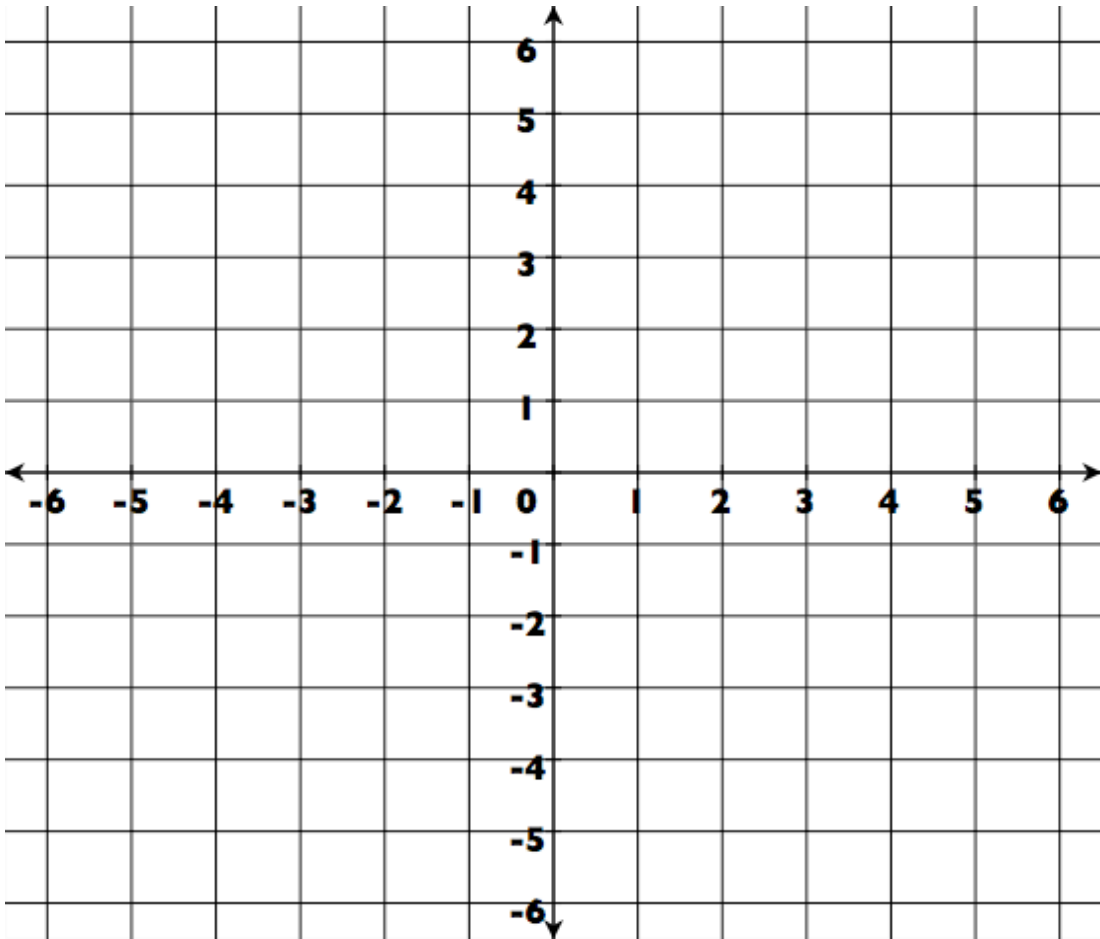
Speed vs. Size	Time doing something vs. How fun it is	How much you want it vs. Cost
Distance from your house vs. How much you want to go there	or... Make up your own!	

2. Plot at least **ten things** on the coordinate plane based on the variables you chose. You can either draw pictures or write words.





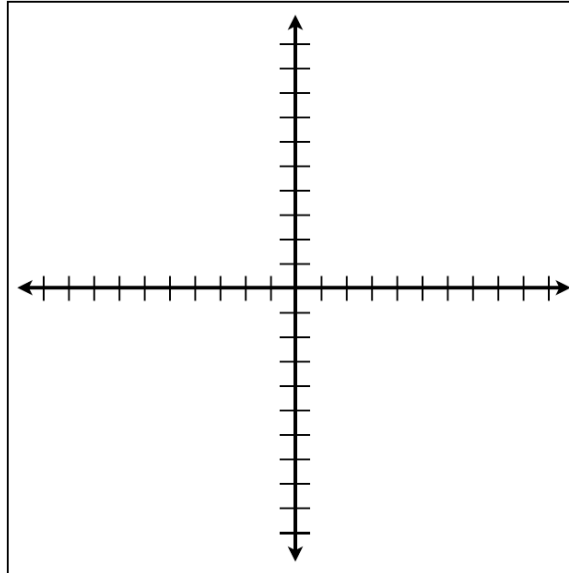
Use this graph to mark your battleships



Use this graph to mark your shots and your hits.

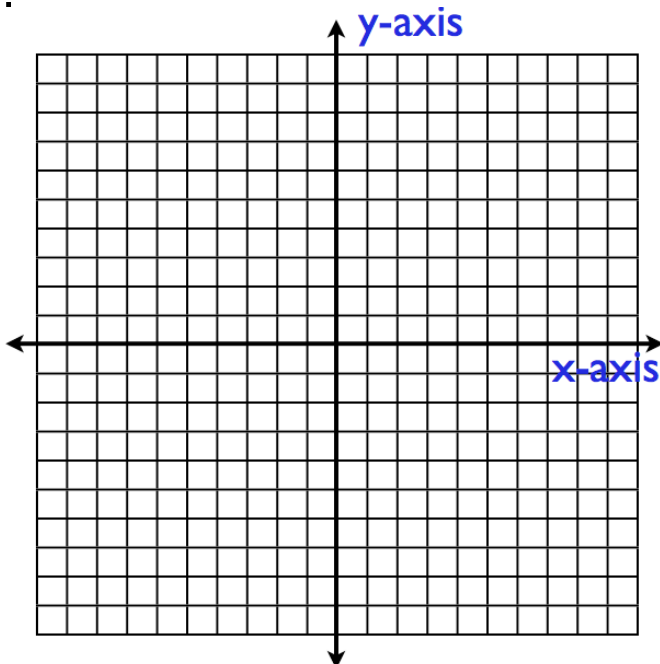
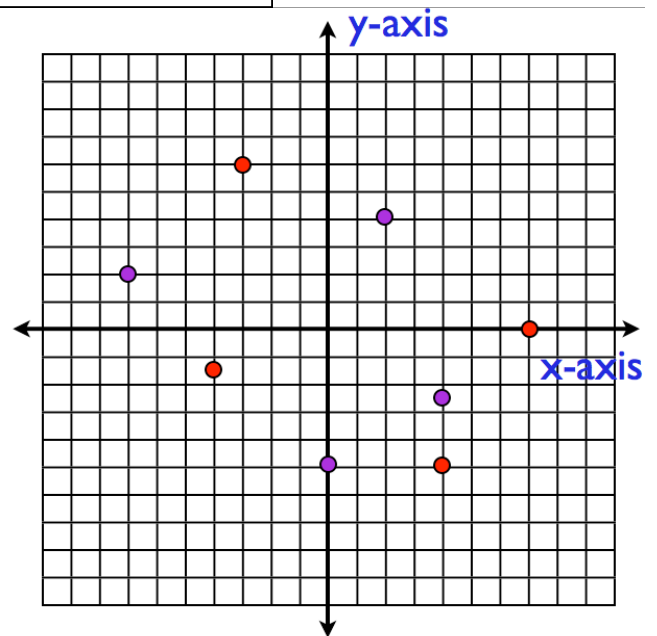
Main Concept

Vocabulary:



An **ordered pair** tells you the location of a point on the plane. It is always in the form **(x, y)**.

Write the ordered pair for each point shown on the coordinate plane to the right.



Plot each ordered pair on the plane to the left.

- | | |
|------------|---------------|
| A: (3, 0) | D: (-3, -4) |
| B: (-2, 8) | E: (7, -3) |
| C: (0, -5) | F: (4.5, 7.9) |