AGENDA

Warm-Up

Notes

HW: Practice (1 page)

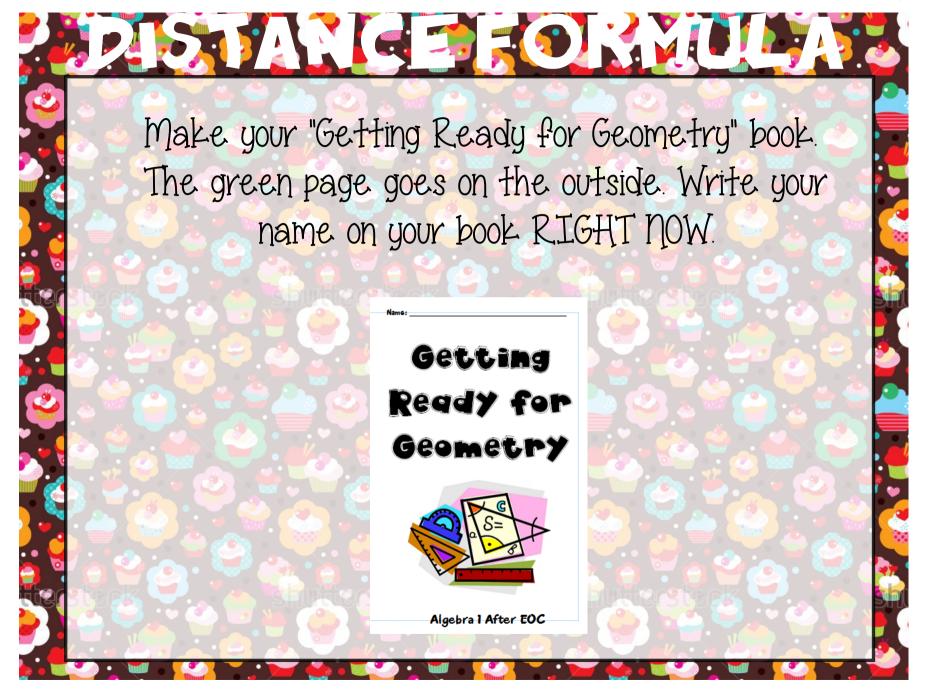
WARM-UP

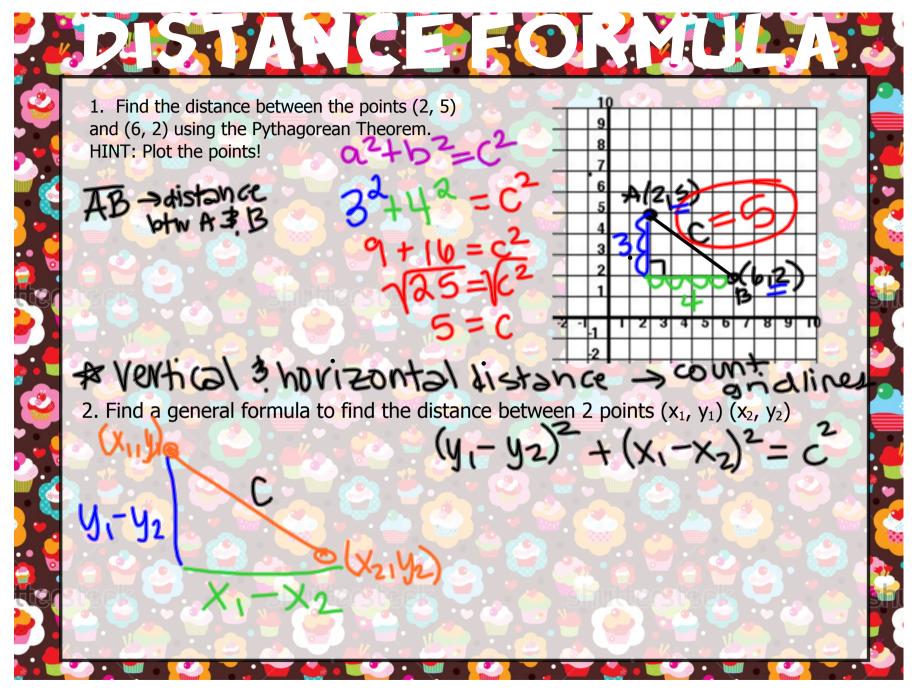
Read the "Learning Agreement". Print your name clearly, then sign that you understand the consequences.

18 SCHOOL DAYS LEFT!!

ALGEBRA 1 LEARNING AGREEMENT

understand that we will still be learning in this class and that this year is not over until June 5th. I know that is still possible to not pass this class and therefore not receive credit for one or both semesters of algebra 1.







Distance Formula

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

3. Find the distance between the points (-5, 3) and (2, -1).

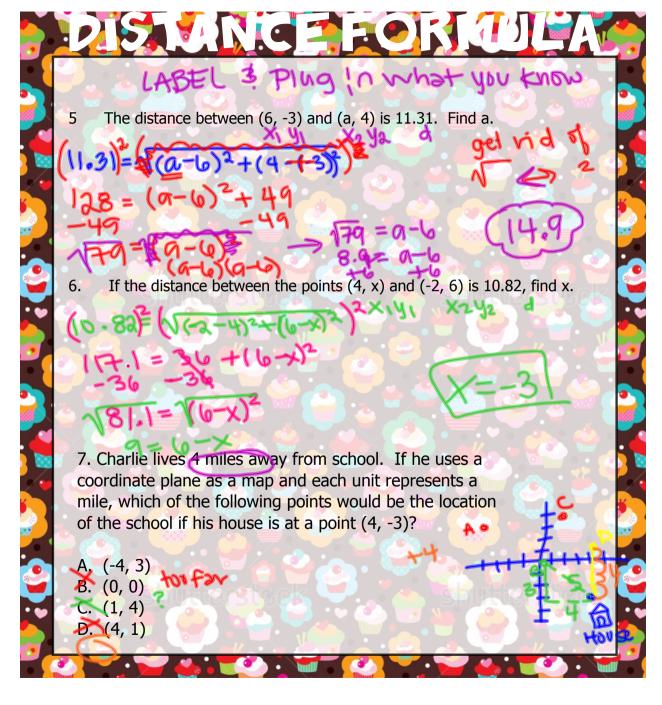
$$d = \sqrt{(2-t-5)^2 + (-1-3)^2}$$

$$= \sqrt{7^2 + (-4)^2}$$

4. Find the distance between the points (5, 2) and (4, 3).

$$d = \sqrt{(4-6)^2 + (3-2)^2}$$

$$= \sqrt{(-1)^2 + (3-2)^2} = \sqrt{1+1} = (\sqrt{2}) \approx 1.4$$



Algebra I	Getting Ready for Geometry		1 4	100 P
Practice - Distance				
Name		Period	Date	
Find the distance	between the given points	5.		
1. (-2, -4) and	1 (3, 8)	2.	(5, 0) and (0, -5)	

3. (a, b) and (0,0) **Simplify**

4. (a, b) and (-1, 5) **pon't Simplify**

d=V

Use the grid to the right to answer questions 54

swer questions

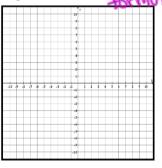
- 5. Plot the points A (-2, 1), B (1, -2), C (4, 1), and D (1, 4)
- 6. Find AD, CD, and AC.

AD =_____

CD = _____

AC = _____

diagonal - distance



7. A doubles tennis court is a rectangle 36 feet wide and 78 feet long. If two players are standing in diagonally opposite corners, about how far apart are they to the nearest tenth of a foot?

