

# Warm-up

Complete the checkpoint on page 214.

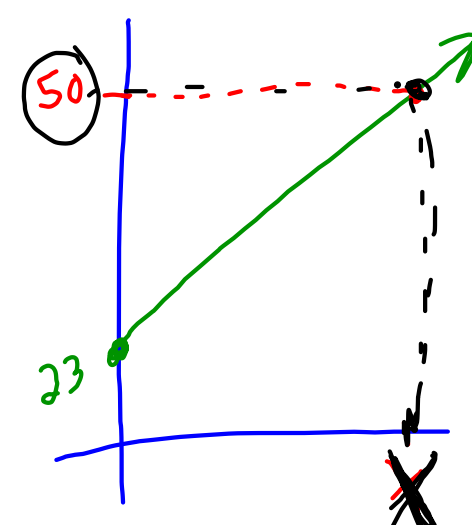
Put this on yesterday's work! (p 213 #3-b)

a)  $50 = 23 + 5.2x$

Find  $x$  such that

$50 > 23 + 5.2$   
 $50 > 28.2$

- b)
- c)



# Agenda

- Warm-up
- Review Investigation #1 ✓

• Investigation 2 on page 220

~~•~~ Assignment: p216 #1

Quiz on Thursday

Try to get  
# 1-5 done

Match the items from the column on the left to the right equation in the column on the right.

Percentage of Male Doctors:  $Y_1 = 98 - .54X$

Percentage of Female Doctors:  $Y_2 = 2 + .54X$

where X is the # of years since 1960

- |   |   |                              |
|---|---|------------------------------|
| C | 1. When will the number of male doctors be the same as female doctors?            | A. $Y = 98 - .54(60)$        |
| A | 2. What percentage of doctors will be <u>male</u> in 2020 (60 years from 1960)?   | B. $Y = 2 + .54(60)$         |
| D | 3. When will female doctors make up 60% of all doctors?                           | C. $2 + .54X = 98 - .54X$    |
| B | 4. What percentage of doctors will be <u>female</u> in 2020 (60 years from 1960)? | D. $2 + .54X = 60$           |
| E | 5. When will male doctors make up 60% of all doctors?                             | E. $98 - .54X = 60$          |
| F | 6. When will the percentage of male doctors be 4 times as much as female doctors? | F. $98 - .54X = 4(2 + .54X)$ |

Un-doing

$$5 + 17.3$$



To get to the pirate's treasure, understand his note.

After hiding me treasure, I walked 30 paces north, and then 11 paces west to get back to the cove.

How can you get the treasure?

FIRST 11 EAST  
30 SOUTH

