Get your laptop and log in!!! (If yours isn't working, take one not assigned to anybody)

Student	Computer Number	Student	Computer Number
Ejaz Alazar	1	Hannah Owens	12
Emily Alexander	2	Hannah Kate Quinter	13
Lillian Bass	3	Cooper Sanford	14
Vivian Carlson	4	Irsema Simon	~~15~~ 22
Olivia Cornelius	5	Maddy Sircy	16
Kiley Fowler	6	Tristan Sweat	17
Jadyn Grizzard	~~7~~ 20	Rachel Tadesse	18
Noel Haney	8	Ellie Woody	19
Nalia Hollie	9		
Reggie Lawless	~~10~~ 21		
Ella Clare Merkel	11		

LATIN STUDENTS: Please take a laptop higher than #22 and sit at table C!

MAP TEST EXPECTATIONS

If you run into issues, just raise your hand!

There is a calculator button on the screen. You WILL have access to this calculator on certain questions.

You may NOT go anywhere else on the laptops once you are done (Unless you are doing ALEKS or Typing Web)

You may work on homework/read when you are done.

Warmup 11/$\left(Solution\ of\ \frac{x-4}{5}=2\right)$

1) Solve: **5(2x + 1) = 23**

Did you check your homework answers? If not, go back and do that now.

2 through 7 will be on the next few slides!!!

$10x+5=23$

$-5\quad -5$

$\frac{10x}{10} = \frac{18}{10} \div 2$

$x=\frac{9}{5}$ or $1\frac{4}{5}$ or 1.8

2) Which step is right?

$$8x + 2x = 60$$

$$8x + 2x = 60$$
$$-2x \quad -2x$$
$$6x = 60$$

A

$$8x + 2x = 60$$
$$10x = 60$$

B

3) Which step is right?

$$4x - 9 = x - 12$$

$$4x - 9 = x - 12$$
$$-x \qquad -x$$
$$3x - 9 = -12$$

A

$$4x - 9 = x - 12$$
$$+x \qquad +x$$
$$5x - 9 = -12$$

B

4) Which step is right?

$$-4(x - 10) = 36$$

A. $-4x - 40 = 36$

B. $-4x + 40 = 36$

C. $-4x - 10 = 36$

5) Which step is right?

$$-14 + 4x = 6x + 7$$

$$-14 + 4x = 6x + 7$$

$$-4x \quad -4x$$

$$-14 \qquad = 2x + 7$$

A

$$-14 + 4x = 6x + 7$$

$$-14 \quad = 10x + 7$$

B

6) Which step is right?

$$10 + 2(3x - 4) = 20$$

A

$$10 + 2(3x - 4) = 20$$

$$12(3x - 4) = 20$$

$$36x - 48 = 20$$

B

$$10 + 2(3x - 4) = 20$$

$$10 + 6x - 8 = 20$$

$$6x + 2 = 20$$

7) Which steps are right?

$-3x + 14 = 10x + 6 - 8x$

A

$-3x + 14 = 10x + 6 - 8x$

$+8x \qquad +8x$

$5x + 14 = 10x + 6$

B

$-3x + 14 = 10x + 6 - 8x$

$+8x \qquad +8x$

$-3x + 14 = 18x + 6$

C

$-3x + 14 = 10x + 6 - 8x$

$7x + 14 = 6 - 8x$

D

$-3x + 14 = 10x + 6 - 8x$

$-3x + 14 = 2x + 6$

p.157 (1 – 2)

- ***Just show me the grade. You will need to keep this page because we will have more homework on it next week.***

1. k = -9

2. a = -14

Both correct, work showed, both answers checked = 100

One wrong, minor mistake, both answers checked = 93

Both correct, did not check answers = 85

One wrong, did not check answers = 75

QUIZ TOMORROW:

- 2-step equations
- Equations with variables on both sides
- Combining Like Terms
- Distributive Property
- Equations with fractions
- Checking your solution

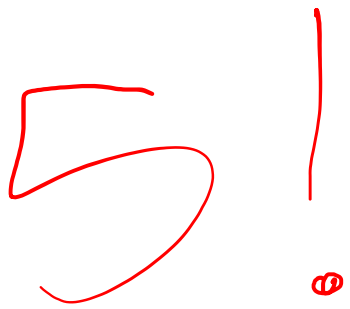
Don't forget:

- The retake deadline for the Linear Quiz (the one with tasks) is ~~one week from today – Wed, 11/15~~ Tuesday, 11/20
- To be eligible, you must do quiz corrections using the blue sheet and complete the extra practice.
- It is pretty hard to pass the class if you have quiz grades below ~60%!

Whiteboards!

$4(2n + 3) = 20$

- What does the **(2n + 3)** part have to equal???



From the pretest:

$$4(2n + 3) = 20$$

2 ways to solve:

$$\frac{4(2n + 3)}{4} = \frac{20}{4}$$

$$2n + 3 = 5$$

$$-3 \quad -3$$

$$2n = 2$$

$$n = 1$$

$$4(2n + 3) = 20$$

$$8n + 12 = 20$$

$$-12 \quad -12$$

$$8n = 8$$

$$n = 1$$

For your notes:

$6(3x - 2) = 24$

1. **Solve by distributing first:**

2. **Solve by dividing by 6 first:**

Solve:

$$-2(4x - 1) = 34$$

$$-8x + 2 = 34$$

$$+2 \quad -2$$

$$\frac{-8x}{-8} = \frac{32}{-8}$$

$$x = -4$$

$$x = -4$$

Solve:

$$10(3y - 2) - 20y = 70$$

$30y - 20 - 20y = 70$

$10y - 20 = 70$

$+20 \quad +20$

$\frac{10y}{10} = \frac{90}{10}$

$y = 9$

Solve:

$$15\left(\frac{2}{5}x+1\right)=6\left(\frac{2}{3}x+5\right)$$

$6x+15 = 4x+30$

$-4x \qquad -4x$

$2x+15 = 30$

$-15 \qquad -15$

$\frac{2x}{2} = \frac{15}{2}$

$x=7.5$

x = 7.5

Solve:

$$10 - 4(2b - 9) = 3(b + 4) - 12b$$

$10 - 8b + 36 = 3b + 12 - 12b$

$46 - 8b = -9b + 12$

$+9b \quad +9b$

$46 + b = 12$

$-46 \quad -46$

$b = -34$

b = -34

Solve:

$$-x + 8 = \frac{x}{3}$$

x = 6

Homework:

- **Study Reflection**

- **QUIZ TOMORROW!!!**