NAME_____

1. Solve this equation: $12 = -7 + x$

2. Solve this equation : $\dfrac{y}{-8} = 11$

3. Solve for t : $-t = -6$

4. Solve for x: $\dfrac{5}{4}x = 16$

5. Solve for x $-\dfrac{2}{5}x = -\dfrac{4}{15}$

Christensen

NAME_____

1. Solve this equation: $3X - 1 = 8$

2. Solve this equation: $5.3 + 1.2X = 1.94$

3. Solve for x: $19 - 3(2x - 1) = 7$

4. In this equation $\dfrac{1}{3}x + \dfrac{2}{5} = \dfrac{4}{5} + \dfrac{3}{5}x - \dfrac{2}{3}$

 (a) by what number do you multiply to clear the denominators?.   _____

(b) Clear the denominators and solve for x.

1. Solve this equation for h $A = b \cdot h$

2. Solve this equation for W: $P = 2L + 3W$

3. The formula $A = P + Prt$ is used to compute the money (A) in an account which is earning interest at a rate (r) for a period (t). Solve this formula for principle (P).

4. Solve for b: $M = \dfrac{a + b + c}{3}$

5. This formula is used to convert temperature from Farenheit to Celsius $C = \dfrac{5}{9}(F - 32)$
Solve this formula for F.

NAME_____

Problems from section 2.4

1: What percent of 320 is 57?

2: What number is 32% of 230?

3:   Leon paid $38 including a 12% tip. What did the meal cost?

4. What number is 1% of one million?

5. In a the city of ROME, NY there are 3250 men, 3470 women and 1150 children. What percent of the population are children?
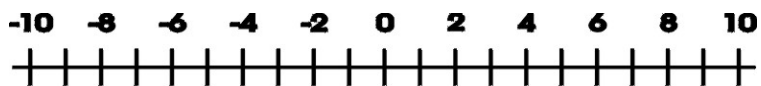
1.   A car is going from San Diego (SD) to Santa Barbara(SB) a distance of 200 miles. At one point
      the car is 80 miles closer to SB than to SD. How far is the car from SD? Draw a picture!!

2.   The perimeter of a triangle is 195 mm. If the length of the sides are consecutive odd integers,
      what is the length of each side?

3.   The sum of the measures of a *complementary* angle is 90°. If one angle   measures 15° more than
      twice the other angle, find the measure of each angle.

4.   A rectangular community garden has a perimeter of 92 m. The garden is 4 m longer than it is
      wide. What are the dimensions of the garden?

1: Solve this inequality: $y + 6 > 16$

2: Solve this inequality: $7 - 3x < 34$

3: Solve this inequality: $9(x - 2) \geq 3(x + 2)$

4: Plot this inequality on a number line: $2y - 4 < 0$

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-10  -8   -6   -4   -2   0    2    4    6    8   10
+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+|+
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MY PARTNERS

NAME:_____