1. Solve using the multiplication principal

-4x>$\frac{1}{11}$

The solution set is {x|x\_\_?\_\_ \_\_?\_\_} ( use an inequality and a fraction)

2. find the slope, if it exists (simplify your answer use an integer or a fraction, use N if the slope is undefined )

m=\_\_?\_\_

3. find the domain of the function

g(x) = $\frac{9}{3}-7x$

choose the correct domain below

1. {x|x≠0}
2. $\left\{x\geq \frac{3}{7}\right\}$
3. $\left\{x\ne 9\right\}$
4. {x|x ≠ $\frac{3}{7}\}$

4. The function H described by H (x)=2.75x+71.48 can be used to predict the height, in centimeters, of a women whose humerus (the bone from the elbow to the shoulder) is x cm long predict the height of a woman whose humerus is 33 cm long .

The predicted height of a women whose humerus is 33 cm long is \_\_\_?

5. Graph on a number line where x is a ral number

-5<x≤5

6.Solve using the multiplication principal. Don’t forget to perform a check

7x=-56

The solution is x=\_\_?\_\_

7. On three consecutive passes, a football team gains 8 yards, loses 28 yards, and gains 25 yards. What number represents the total net yardage? The total net yardage is \_\_\_\_ yards

8. solve the system of equations by graphing. Then classify the system as consistent or inconsistent and as dependent or independent

7x-9y=27

9y-7x= -27

What is the solution of the system of equations?

1. No solution
2. Infinitely many solutions
3. A point

Is the system consistent or inconsistent?

1. Inconsistent
2. Consistent

Are the equations dependent or independent

1. Dependent
2. Independent

9. solve

$$\frac{5}{4}x+\frac{1}{8}x=\frac{9}{8}+x$$

The solution isx=\_\_\_\_\_\_\_\_ simplify your answer type an integer or a fraction

10. solve by the elimination method

2x+3y=5

4x+6y=10

What is the solution of the system? Type an ordered pair type an integer or a fraction