#1. Multiply  **6/7 \* -1/5**

#2. Simplify **-5[-25-(29-31)]**

#3 solve **0.3x<-24**

#4 solve **y-7>-18**

#5 find the slope of **(-4,0) (0,1)**

#6 graph **x + 5y=10**

#7 trains A and B are traveling in the same direction on parallel tracks. Train A is traveling 60 mph and train B is traveling 64mph. Train A passes a station at 3:20pm. If train B passes the same station at 3:50pm at what time will train A catch up to train B?

#8 translate to an algebraic expression **The product of 45% and some number**

#9 is the coordinates a function **(-3,7) (2,2) (3,1) (7,5)**

#10 solve by substitution **8x+9y=-47 x=-5-2y**

#11 find the domain of the function g(x)=1/9-2x

#12find the indicated outputs for f(x)=5xsquare-4x

#13 solve the system of equations ( an ordered pair ) x+8y=8 x=7-8y

#14solve the compound inequality 7>-4x+6 or 8<\_-3x=4

#15graph using the slope and the y intercept y= 8/7x +7

#16 use distributive property 4(w-4)=8

#17 solve -4≤3x-x≤-2

#18 graph and identify y intercept y+x=-9

#19 is (-8,3) a solution to 8x-4y=-4

#20 use the intercepts to graph the equation x + 5y =10

#21 multiplication principle -3/4x+-9/10

#22 are the lines parallel, perpendicular, or neither 2x+3y=4 3x+2y=2

#23 soybean meal is 12%protein, cornmean is 6% protein. How many of each should be mixed together to get a 240lb mixture that is 9% protein? How many pounds of cornmeal? How many pounds of soybean

#24 find the slope and the y intercept f(x)=-3x-5

#25 find the domain and the function p(x)=xsquare-2x+3

#26 find the slope (8,5) and (9,-2)

#27collect like terms 13x+6y-7x-9y

#28 the width of a rectangle is fixed at 16cm. What lengths will make the perimeter greatger rgan 90cm?

#29 solve using multiplication principle -2x>1/9

#30 Amy paid 69.51 for a pair of running shoes during a 30% off sale. What was the regular price?

#31 solve 5/4x+1/8x=5/8+x

#32 Media services charges $40 for a phone and 20/month for its economy plan. The equation c=20t+40 describes the total cost, c, of operating a media service phone for t months. The total cost of 10 months of service is? If a customer had $90 available how many months of service can he receive?

#33 elimination method 3r-5s=-16 5r+3s=30

#34 solve 5+5x<35

#35 evaluate z+y/6 for z=46 and y =2

#36 solve 8x-(3x+7)=28

#37 50% of what number is 15?

#38 graph the line containing the given pair of points and find the slope (2,0), (-4,-3)

#39 solve the system, graph, and classify as consistent, inconsistent, dependent or independent 8x-4y=-16 4y-8x=16

#40 graph the inequality on a plane 4x+5y≤20

#41 on 3 consecutive passes a football team gains 7 yards, loses18yards, and gains 46 yards. What number represents the total net yardage??

#42 h(x)=2.75x+71.48 predcit height of 33cm

#43 find slopx=-7

#44 multiplcation principle 9x=-72

#45 graph y≥-3 x≥4

#46 solve for indicated letter d=8h, for h

#47 solve then graph 6x≥30

#48 eliminatiion method 4x+5y=5 8x+10y=10

#49 solve .08x+2≤1.2x-9

#50