Warm Up # 43 ***Name*** _____

J Allyn

Slope and 'y' intercept

slope 3/2 'y' intercept -1 y =

Slope and point

Find the equation of the line with a slope of 3 going through point (1, 5)

Two points

Find the equation (in $y = mx + b$ form) going through points (5, 8) and (4, 4) ?

Graph to line

Find the equations (in $y = mx + b$ form) and the line perpendicular to the line with the same 'y' intercept :

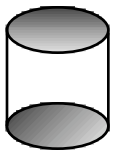
⊥ line slope opposite reciprocal

Line 1 $4y - 8x = 10$ ⊥ line y =

Line 2 $12 - 4x = 2y$ ⊥ line y =

Line 3 $8x - 3y = 15$ ⊥ line y =

Total Surface Area of a cylinder A barrel 5 feet high with a diameter of 4 feet

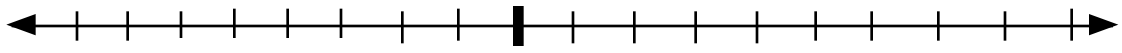


Total surface area 2 (area top) + label
Leave your naswer in terms of pi (π)

Standard Form $3x(2x + 4) - 17 - 2(x^2 - 4x) + 3y^3 + 2y(3y - 1)$

Simplify $(3m)(2m)(5m^2) - (15m)(2m^3)$

Graph $4x + 2 - 7x - 5 > 12$



Percent of increase or decrease

Begin diet at 150 pounds. Lost 30 pounds. Percent of decrease ?