

Grouph
$$(5x)^{2} + 3y = 6$$
Isolate $y = -5x + 6$

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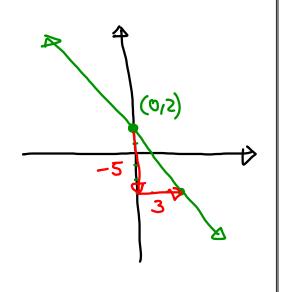
$$y = -5x + 2$$

$$x = -5x + 3$$

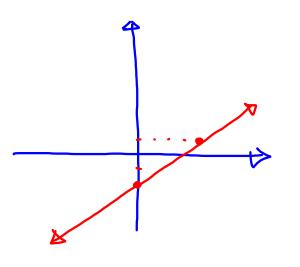
$$x = -5x + 2$$

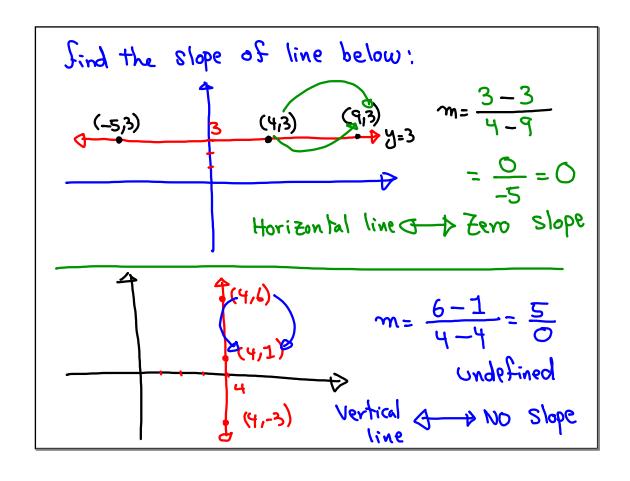
$$x = -5x + 3$$

$$x = -5x$$



Graph
$$3x^{2} - 4y = 8$$
 $-4y = -3x + 8$
 $y = \frac{-3}{-4}x + \frac{8}{-4}$
 $y = \frac{3}{4}x - 2$





Write
$$\frac{x}{5} - \frac{y}{2} = 1$$
 in Slope-Int. form

Use $LCD = 10$ to clear fraction $J = mx + b$

Isolate $J = mx + b$
 $J = mx$

write
$$y+4=\frac{2}{3}(x-3)$$
 in slope-Int. form $y=mx+b$
Hint: Distribute & Simplify Isolate y
 $y+4=\frac{2}{3}x-\frac{2}{3}x$
 $y=\frac{2}{3}x-2$
 $y=\frac{2}{3}x-2-4$
 $y=\frac{2}{3}x-2-4$
 $y=\frac{2}{3}x-2-4$
 $y=\frac{2}{3}x-6$ $m=\frac{2}{3}$ $y-Int(0,-6)$

I have 7 Dimes, and 2 Quarters.

How much do I have?

7(10) +2(25) = 70 + 50 = 120

\$1.20

Kid's +k+ \$4 A group of 12

Adult's +k+ \$10 Kids and 5 adults.

\$ind Total cost.

12(4)+5(10)=48+50=98 \$98

Lisa has \$3.20

Dimes $\dot{\xi}$ Quarters only.

of Dimes is 3 less than the # of

Quarters.

Dimes $\rightarrow x-3$ How many of each? Quarters $\rightarrow x$ 10. Dime + 25 Quarter = 32010 (x-3) +25x = 32010x-30 +25x=320

Thines

Leo raised \$344 by Selling tickets Sor ELAC Connect Dance.

Student's tkt: \$7 8 faculties

Faculty's Tkt: \$15 32 Students

of Students attended this dance was 4 times # of faculties at the dance.

How many of each?

Student: 4x

15 x +7.4x = 344 por x = 8

43x = 344

I got 73 and 81 on First two exams.

If my average is between

80 and 89, I can get a B

Final exam counts as 2 exams.

Final exam counts as that my final

find range of Values that my final

exam has to fall within to secure me

a B grade.

Temp. in my hometown in the summer is between
$$40^{\circ}$$
C to 50° C, inclusive.

Sind the temp in F. $C_{-\frac{5}{4}}(F-32)$
 $40 \le \frac{5}{4}(F-32) \le 50$
 $9.40 \le 9.\frac{5}{8}(F-32) \le 9.50$
 $360 \le 5(F-32) \le 450$

Divide by and reduce

$$\frac{360}{5} \le \frac{8(F-32)}{8} \le \frac{450}{5}$$
 $72 \le F-32 \le 90$
 $960 \le 72 \le 72 \le 90$
 $960 \le 72 \le$

Due tomorrow: SG7 & SG8