

Without actually solving determine if each system of equations has 1, None, or Many solutions.



Solve this system of equations using any method.

5.2x + 3.8y = 10.2
$$\rightarrow b = \frac{10.2}{3.8} = 2.68421$$

7.8x + 5.7y = 15.3 $\rightarrow b = \frac{15.3}{5.7} = 2.68421$

Using matrices leads to the following error message:

ERROR: SINGULAR MATRIX

This error message means that either these are the same line (Many Solutions) or they are parallel (No Sol). Since both cases indicate the lines have the same slope all that is needed is the y-intercept.

Since the y-intercepts are the same these are actually the same line: MANY SOLUTIONS





factor each completely. $12m^3 - 28m^2 - 80m$ 4m(m-y)(3m+5)m ZG -4 m 60 -12m 3M 3m Sm +