

$$16x^3 + 8x^2 + x = 0$$

$$x(16x^2 + 8x + 1) = 0$$

$$x = 0$$

$$16x^2 + 8x + 1 = 0 \quad (4x+1)^2$$

$$D = 64 - 4 \cdot 16 = 0$$

$$x_{1/2} = -\frac{8}{2 \cdot 16} = -\frac{1}{4}$$

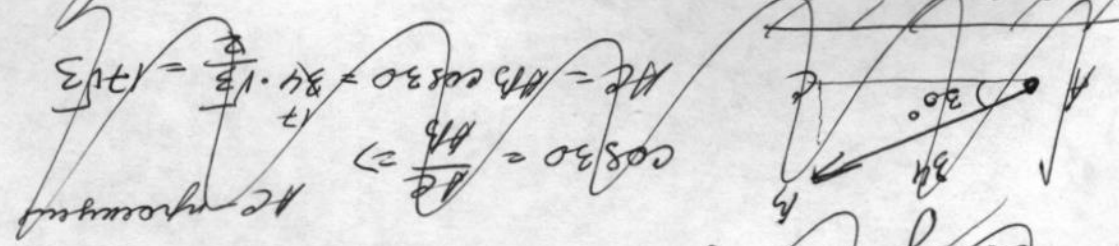
Answers: $x = 0$
 $x = -\frac{1}{4}$

b) $\frac{x-1}{3} - \frac{1-x}{2} = \frac{x-1}{3+2} = \frac{x-1}{5}$

c) $\frac{20-1}{0} + \frac{6}{6} = \frac{20-1+9}{30-1} = \frac{6}{29}$

$(3-6)^2 = (b-3)^2$
 $(-1)(b-3)^2$
 $(-1)(b-3)^2$

$\frac{b^2 - 3b - b^2 - 3b}{(b-3)^2(b+3)} = \frac{-6b}{(b-3)^2(b+3)}$
 $\frac{b}{(b-3)^2} = \frac{b}{(b-3)^2(b+3)}$
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$(2x-5y)^2 = 2x-5y = \frac{1}{2} \cdot 2 \cdot 3 \cdot 5 \cdot 2 = -14$
 $a^2 - kab + b^2 = (a-b)^2$
 $N_2 =$

~~$3703N_2 + 1035 = 19440$~~
 ~~$13(161N_2 + 45) = 162 \cdot 120$~~
 ~~$\frac{120}{162} = \frac{23}{23}$~~
 ~~$105N_2 + 45 + 56N_2 = 162$~~
 ~~$161N_2 + 45 = 162$~~
 ~~$115N_2 = 117$~~
 ~~$115N_2 + 3 = 162$~~
 ~~$8N_2 + 3 = 162$~~
 ~~$8N_2 = 159$~~
 ~~$N_2 = 19.875$~~

~~$6x-4y = 6(x-y) = 6 \cdot 3.2$~~
 ~~$x-y = 3.2$~~
 ~~$5N_1 = 2N_2 + 3$~~
 ~~$\frac{162}{8} + \frac{15}{15} = \frac{23}{23}$~~
 ~~$\frac{162}{8} + \frac{15}{15} = \frac{23}{23}$~~