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$x-2=0$

$x-1=0$

$x=2$

$x=1$

iii) $x^2 + 12x + 20 = 0$

$(x+2)(x+10) = 0$

$x^2 + 10x + 2x + 20 = 0$
 $12x$

$x+2=0$

$x+10=0$

$x=-2$

$x=-10$

iv) $x^2 - 64 = 0$

$x^2 = 64$

$x = \sqrt{64}$

$x = 8$

$x = -8$

4.

$14x^2 + 3x = 11$

2. d. p

$14x^2 + 3x - 11 = 0$

$$\frac{-3 \pm \sqrt{(3)^2 - 4(14)(-11)}}{2(14)}$$

$x = 0.79$

$$\frac{-3 - \sqrt{(3)^2 - 4(14)(-11)}}{2(14)}$$

$x = -1$

5.

$5x + 3y = 39$ ① $\times 2$

$8x - 2y = 42$ ② $\times 3$

$10x + 6y = 78$ ③