1)
$$2x - 3y = -15$$

 $5x + y = 22$
 $2x - 3y = -15$
 $15x + 3y = 66$
 $17x + 3y = 66$
 $17x + 3y = 3$
 $2x + 3y = 3$
 $3x + 3y = 3$

2)
$$2|v+4y=-22$$

 $2|v-3y=-19$
 $63v+12y=-66$
 $9v-12y=-76$
 $7|v=-142$
 $2v=-2$
 $y=-5$

$$3x + y = 3$$

 $2x + 3y = 2$
 $-9x - 3y = -9$
 $2x + 3y = 2$
 $-7x = -7$
 $x = 1$
 $y = 0$

$$-2 + 2y = 1.25$$

$$370 + 2y = 1.5$$

$$-4x + 6y = 5$$

$$-12x - 6y = -6$$

$$-16x = -1$$

$$x = \frac{1}{16}$$

$$y = \frac{21}{2}$$

7)
$$3\pi+2y=0$$
 $-\pi+y=b$
 $-\pi+y=b$
 $-\pi+y=b$
 $3\pi+2y=0$
 $3\pi+2y=0$
 $3\pi+3y=0$
 $3\pi+3$

12)
$$7(3^{9+29}) = \sqrt{1323}$$

 $3^{9+29} = 3\sqrt{3}$
 $\sqrt{3}^{29+4}y = \sqrt{5}^{3}$

$$8(7^{2}y^{-2}) = \frac{4}{7}$$

$$7^{2}y^{-1} = \frac{4}{7}$$

$$7^{2}y^{-1} = \frac{4}{7}$$