1

x = edad maria

y = edad Juliana

$x + y = 80$

$x - y = 8$

$2x = 88$

$x = 2$

44

$x = 44$

$y = 80 - 44 = 36$

2

$3x + 10 = 40$

$3x = 40 - 10$

$3x = 30$

$30 \div 10 = 10$

3

$V + P = 500000$ (1)

$V = \frac{1}{4}P$ (2)

$\frac{1}{4}V + P = 500000$

$\frac{1P + 5P}{4} = 500000$

$\frac{5P}{4} = 500000$

$5P = 2000000$

$P = \frac{2000000}{5}$

$P = 400000$

$V = \frac{1P}{4}$

$V = \frac{1(400000)}{4}$

$V = \frac{400000}{4}$

$V = 100000$

4 $\frac{x}{5} + \frac{1}{2} = \frac{3}{2}$

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

$\frac{1}{5}x = \frac{2}{2}$

$\frac{1}{5}x = 1$

$x = \frac{1(5)}{1}$

$x = 5$

5 $3x + \frac{x}{5}$

6 $\sqrt{x^2 + y^2}$