

3. a) (4, 5) b) (2, -1) c) (4, 1)

5 a) 1. x: length of the plot of land
y: width of the plot of land

2. $x = 10 + y$
 $2x + 2y = 110$

3. \$30 000

b) 1. x: Son's age
y: Father's age

2. $y = 10 + 2x$
 $x + y = 58$

3. 26 years

c) 1. x: Number of hours Eric worked
y: Number of hours Nathalie worked

2. $y = x - 4$
 $6.5x + 7.5y = 194$

3. \$224

5. d)
1. x : Number of boys
 y : Number of girls
 2. $x + y = 30$
 $x = y + 6$
 3. 40%