Answers 7.2 General Form Sheet

1. When clearing the fraction all terms must be multiplied by 2. Jasmine did not multiply the 4 by 2. The answer should be 3x + 2y -8 =0
2. (a) 7x – y – 5 = 0

(b)x + y-8=0

(c) 3x-2y + 8 = 0

(d) 3x +5y +10 = 0

(e)5x – 20y- 6 = 0

(f) 20x + 8y -1 = 0

1. (a) x int= 4.5 yint= 9

(b) x int =2 y int= -8

(c)x int = -10 y int = -5

(d) x int = 8 y int = -3

(e) x int = -1.5 y int = -1.2

(f) no x int yint = 0

(g) x int = 3 no y int

6(a) 2

(b) 4

(c) 8

(d)5

(e)3

(f) 6

(g) 7

(h) 1

11. (a) 8x + 11y = 440

(b) x int = 55 It represents how may minutes Luc would need to swim to burn 440 calories if he only swam the backstroke

Y int = 40 It represents how many minutes Luc would need to swim to burn 440 calories if he only swam the butterfly stroke.

(c) 33 minutes