

MATEMÁTICAS -- 3º ESO -- IES EDUARDO JANEIRO

Solutions Worksheet 5

27-2-2015

1. a) 20 b) 5 c) -20/29 d) 1/8 e) -5 f) 5
2. a) 1, -1 b) 0, -10/3 c) 0 (solución doble) d) 3, -3 e) 4, -4 f) 0, -5/2
3. a) -3, -4 b) 9, -2 c) 3, -5 d) -1/2, -5 e) Sin solución f) 3, -8
4. a) -5/6 b) 2 c) 7 d) 0 e) 5.06, 2.65
5. a) Incompatible b) Compatible, 0 c) Incompatible d) Compatible, 1 (solución doble)
6. –
7. a) $x = 34/11$
 $y = 7/11$ b) $x = 19/18$
 $y = 11/18$ c) $x = 1$
 $y = 2$
8. a) $x = 17/4$
 $y = 1/4$ b) $x = 1$
 $y = -1$ c) $x = 4$
 $y = -3$
9. a) $x = 0$
 $y = 1$ b) $x = 2$
 $y = 3$ c) $x = 1$
 $y = 2$
10. a) $x = 66/7$
 $y = -15/7$ b) $x = 4$
 $y = 2$ c) $x = 0$
 $y = 2$ d) $x = -23/2$
 $y = 6$
11. 1€/Kg y 4€/Kg
12. 30 kg of each
13. 150 chickens and 50 rabbits
14. 20 años
15. 3 y -1/2
16. -4
17. El enunciado del problema está incompleto. Éste es el completo:
 “The age of Tom is twice the age of his son John. Four years ago, John was three-quarters the age of his father minus 15. Calculate the ages of them”
 Solution: Tom is 56 and John is 28.
18. 10 cm and 8 cm