S4 National 5 Homework

1. A line with gradient 2 passes through the point (-7, 3). Determine the equation of this straight line.
2. Solve
3. 4a – 2 < 2a + 6 (b) 6b + 6 > 2b – 4
4. Solve these equations algebraically:
5. x + y = -18 (b) 4x – 3y = 18 (c) a + 2b = 1

x – y = 2 4x +12y = -12 2a – 3b = 16

1. Change the subject of the formula to the letters shown in the brackets:
2. $T= \frac{5K}{4}+12$ (K) (b) $\frac{x+B}{C}=A$ (x) (c) $\sqrt{x}=a$ (x)

 (d) $c^{2}= x^{2}+b$ (x)