**Rearranging Formulae Exam Questions**

**1.** Make *u* the subject of the formula

*D* = *ut* + *kt*2

*u* = ...................................

(Total 2 marks)

**2.** (a) Solve 4(*x* + 3) = 6

*x* = ………………….

(3)

(b)Make *t* the subject of the formula *v* = *u* + 5*t*

*t* = ………………….

(2)

(Total 5 marks)

**3.** (a) Expand and simplify

(*x – y*)2

................................................

(2)

(b) Rearrange *a*(*q* – *c*) = *d* to make *q* the subject.

*q* = ..........................................

(3)

(Total 5 marks)

**4.** Make *x* the subject of

5(*x* – 3) = *y*(4 – 3*x*)

*x* = .....................................

(Total 4 marks)

**5.** 

 Rearrange the formula to make *a* the subject.

*a =*.....................................

(Total 4 marks)

**6.** 

 Make *x* the subject of the formula.

*x* =................................

(Total 4 marks)

**7.** (a) Make *n* the subject of the formula *m* = 5*n* – 21

*n* = ........................................................

(2)

 (b) Make *p* the subject of the formula 4(*p* – 2*q*) = 3*p* + 2

*p* = ........................................................

(3)

(Total 5 marks)