

AF.1 (a) Linear Equations (JCHL and LCOL)

Project Maths Exam Questions (JCHL Old Course)

JCHL 2013 – Question 3 (a)

Solve for x :

$$3x - [5 - (x - 3)] = 6$$

JCHL 2010 – Question 4 (a)

$$\text{Solve } 3(x - 2) - 5(x - 3) = 1.$$

JCHL 2008 – Question 3 (a)

When 23 is added to 4 times a certain number, the answer is 11.

Find this number.

JCHL 2004 – Question 3 (a)

$$\text{Solve } 3(x - 4) - 2(5x - 3) = 8$$

JCHL 2003 – Question 6 (a)

Solve $3(x - 2) + 1 = 19$ and verify your answer.

Project Maths Exam Questions (Leaving Cert Ordinary Level)

LCOL 2017 – Question 4 (a)

Solve for x :

$$11x - 5(2x - 1) = 3(6 - x) + 3.$$

LCOL 2016 – Question 3 (a)

Solve for $3(x - 7) + 5(x - 4) = 15$, where $x \in \mathbb{R}$.

LCOL 2014 – Question 3 (a)

(i) Solve for x :

$$2(4 - 3x) + 12 = 7x - 5(2x - 7)$$

(ii) Verify your answer to (i) above.

LCOL 2012 – Question 4 (a)

Solve the equation $\frac{1}{2}(7x - 2) + 5 = 2x + 7$.

Project Maths Exam Questions (Leaving Cert Ordinary Level Old Course)

LCOL 2012 – Question 3 (a)

Given that $(t - 1)x = 2 - 5t$, find the value of x when $t = 7$.

LCOL 2011 – Question 3 (a)

Given that $3a(x + 5) = 114$, find the value of x when $a = 4$.

LCOL 2010 – Question 3 (a)

Given that $3(b + a) = t(6 - a)$,

Calculate the value of a when $t = 3$ and $b = -4$.

LCOL 2007 and 2004 – Question 3 (a)

Solve $2x = 3(5 - x)$.

LCOL 2003 – Question 2 (a)

Given that $3x - 2y = 4$, find the value of y when $x = -2$.