

LINEAR EQUATIONS

Name:

Assessment Criteria: Construct and solve linear equations with integer coefficients, using an appropriate method

1. Bob thinks of number. When he doubles the number and subtracts 5, he gets the answer 23.

i) Write down Bob's thinking in the form of an equation.

ii) Solve the equation to find Bob's number

2. Solve these equations:

i) $4p + 6 = 2$

ii) $3m - 8 = -13$

iii) $3(5x + 2) = 36$

iv) $3y + 6 = y - 2$

3. In a class of 30 students, there are four more girls than boys.

a) Using x as the number of boys, write down and simplify an equation.

b) Solve the equation to find the number of girls in the class.

Overall, I think my success level is:

Low High
○ ○ ○ ○

Q	LINEAR EQUATIONS	☺	☹
	I can construct linear equations		
	I can solve simple linear equations		
	I can solve linear equations with brackets		
	I can solve linear equations with unknowns on both sides		
I need to practise ...			