



# Reflection

Name: .....

Percentage in the test: .....

|  | I know this.<br> | I need to revise this.<br> | Question in the test: | Correct in the test? |
|--|--|---|-----------------------|----------------------|
| I am familiar with using <b>function notation</b> , e.g. $f(x) = 3x^2 - 4x + 5$ .  |  |   | 1                     |                      |
| I can <b>transform the graphs of functions</b> using the transformations $y = f(x) + a$ , $y = f(x + a)$ , $y = af(x)$ , $y = f(ax)$ , $y = -f(x)$ and $y = f(-x)$ . |  |   | 1                     |                      |
| I know how to draw a <b>tangent to a function</b> and <b>measure its gradient</b> .  |  |   | 2                     |                      |
| I know and can use the definitions for <b>velocity</b> and <b>acceleration</b> .   |  |   | 2                     |                      |
| I know how to find the <b>area between a graph and the x-axis</b> using the <b>trapezium rule</b> .  |  |   | 2                     |                      |
| I know when the area between a graph and the x-axis has a <b>special meaning</b> .   |  |   | 2                     |                      |
| I can change the subject of a formula when the <b>subject appears more than once</b> in the formula.   |  |   | 3                     |                      |
| I can change the subject of a formula in questions involving <b>fractions</b> and <b>roots</b> .   |  |   | 4, 5                  |                      |
| I can use the <b>quadratic formula</b> to solve quadratic equations.   |  |   | 6, 8                  |                      |
| I can <b>combine two algebraic fractions</b> to give a single fraction in its simplest form.   |  |   | 7                     |                      |
| I can <b>solve equations that include algebraic fractions</b> .  |  |   | 8, 9, 10              |                      |