

## Formulas for First Exam

You need to know the following formulas:

perimeter of a rectangle:  $p = 2w + 2L$

area of a rectangle:  $A = Lw$

area of a triangle:  $A = \frac{1}{2}bh$

sum of angles in a triangle:  $\angle 1 + \angle 2 + \angle 3 = 180^\circ$

distance formulas:  $d = rt$ ,  $t = \frac{d}{r}$ ,  $r = \frac{d}{t}$

simple interest formula:  $I = prt$

'job' formula:  $\frac{1}{a} + \frac{1}{b} = \frac{1}{x}$