

OLYMPIAD · EVERYDAY MATHEMATICS · OLYMPIAD PREPARATION · FORMULA BANK

Chapter 14: Time and Work

Every formula and result of the chapter on one sheet

1	One day's work	$\frac{1}{\text{days taken}}$
2	Together	$\frac{ab}{a+b}$ days
3	Three people	$\frac{1}{a} + \frac{1}{b} + \frac{1}{c}$ per day
4	Men and days	$M_1 D_1 = M_2 D_2$
5	Wages	in the ratio of work done
6	Outlet pipe	counts as negative work