

88-89 Individual	1	7	2	2	3	24	4	$\frac{1}{2}$	5	12 km/h
	6	45	7	45	8	-4	9	2	10	12
	11	$\frac{5}{12}$	12	147	13	3	14	2	15	24
	16	12	17	$\frac{6}{25}$	18	24	19	230	20	12

88-89 Group	1	$\frac{9}{20}$	2	7	3	6585	4	(12,20)	5	$\frac{3}{2}$
	6	43	7	480	8	$\frac{12}{5}$	9	5	10	110768

Group

5. The line joining $A(2, 3)$ and $B(17, 23)$ meets the line $2x - y = 7$ at P . Find the value of $\frac{AP}{PB}$.

$$\text{Equation of } AB: \frac{y-3}{x-2} = \frac{23-3}{17-2} \Rightarrow 3y = 4x + 1$$

Solving the two equations give the point of intersection $P(11, 15)$.

$$\frac{AP}{PB} = \frac{11-2}{17-11} = \frac{3}{2}$$