

Parallel and Perpendicular Lines

Sheet 1

- 1) Find the equation of the line that is parallel to the line $4y + 48 - 16x = 0$ and passes through the point $(-4, -2)$.

- 2) Find the equation of the line passing through the point $(7, -3)$ and perpendicular to the line joining

- 3) Find the equation of the line which has a gradient of $-\frac{1}{2}$ and parallel to the

- 4) Find the equation of the line passing through the point $(-2, 3)$ and perpendicular to the line $y = \frac{3}{4}x + 2$

- 5) A line l passing through the point $(8, 9)$ is parallel to the line n that cuts the x and y axis at $x = -3$ and $y = 6$. Find the equation of the line l .

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com