Fill In The Blanks…

**Equation of a Straight Line**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Equation** | **Gradient** | $y$**-intercept** |  | **Equation** | **Gradient** | $y$**-intercept** |
| $$y=2x+3$$ | $$2$$ | $$(0, 3)$$ |  | $$y=-\frac{3}{2}x+1$$ |  |  |
| $$y=4x+3$$ | $$4$$ |  |  | $$y=-\frac{2}{5}x-\frac{4}{5}$$ |  |  |
| $$y=4x-3$$ |  | $$(0, -3)$$ |  |  | $$3$$ | $$(0, 6)$$ |
| $$y=2x-1$$ |  |  |  |  | $$-2$$ | $$(0, 0)$$ |
| $$y=3x+5$$ |  |  |  |  | $$1$$ | $$(0, -3)$$ |
| $$y=x+2$$ |  |  |  |  | $$\frac{1}{3}$$ | $$(0, -5)$$ |
| $$y=7x$$ |  |  |  |  | $$-\frac{4}{5}$$ | $$\left(0, \frac{2}{5}\right)$$ |
| $$y=\frac{1}{2}x-3$$ |  |  |  |  | $$-1$$ | $$(0, 8)$$ |
| $$y=\frac{2}{3}x+\frac{4}{3}$$ |  |  |  | $$2y=6x-10$$ |  |  |
| $$y=-3x+6$$ | $$-3$$ |  |  | $$y+2x=7$$ |  |  |
| $$y=-2x-1$$ |  |  |  | $$6x+3y=18$$ |  |  |
| $$y=-5x+2$$ |  |  |  | $$x-2y=8$$ |  |  |
| $$y=-x$$ |  |  |  | $$3y=5x-6$$ |  |  |