

<u>Samples</u>	<u>Equation of a straight line</u>
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| 1. Find the equation of the line perpendicular to | $15 = -3y$ | and passing through the point $(3, -6)$. |
| 2. Find the equation of the line perpendicular to | $0 = 2 + 2y$ | and passing through the point $(6, 5)$. |
| 3. Find the equation of the line perpendicular to | $-9y = 90$ | and passing through the point $(-6, -10)$. |
| 4. Find the equation of the line perpendicular to | $3y = -27$ | and passing through the point $(10, -7)$. |
| 5. Find the equation of the line perpendicular to | $-20 + 5y = 0$ | and passing through the point $(10, 2)$. |