**Yr8 Straight Line Equations RETAKE**

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| --- | --- | --- |
| 1 | A straight line goes through the points and . What is the gradient of the line?    Gradient: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 2 | A line has the equation . What is its gradient?    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 3 | Give the equation of a line that is parallel to .  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 4 | Give the coordinate of the point where crosses the -axis.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 5 | Give the full equation of the straight line that goes through the points and .  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 6 | A line goes through the point and is parallel to another line which goes through the points and . What is the equation of the line ?  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 7 | What is the equation of:   1. Line 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. Line 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 8 | On the axis above, draw the lines with equations: |  |

**QQQ – Yr8 Straight Line Equations RETAKE ANSWERS**

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| 1 | A straight line goes through the points and . What is the gradient of the line?  Gradient: **3** |  |
| 2 | A line has the equation . What is its gradient?  **5** |  |
| 3 | Give the equation of a line that is parallel to .  **(for any value c)** |  |
| 4 | Give the coordinate of the point where crosses the -axis.  **Half mark if just given.** |  |
| 5 | Give the full equation of the straight line that goes through the points and . |  |
| 6 | A line goes through the point and is parallel to another line which goes through the points and . What is the equation of the line ? |  |
| 7 | What is the equation of:   1. Line 1 2. Line 2 |  |
| 8 | On the axis above, draw the lines with equations: |  |