Determine the equation of the following lines

|  |  |  |
| --- | --- | --- |
| 1.  | 2.  | 3. |
| 4. | 5.  | 6.  |
|  |  |  |

***In each question, graph the line described then determine its equation and write it in the space provided.***

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| 1. The line through the points(2,5) and (–2,–7). | 2. The line through the points(1,0) and (3,8). | 3. The line through the origin and the point (–6,4). |
| 4. The line with *x*-intercept 4 and *y*-intercept 6. | 5. The line with *x*-intercept –3 and *y*-intercept 4. | 6. The line with y-intercept 5 and through the point (–4,–3). |
| 7. The line with *y*-intercept –3 and parallel to the *x*-axis. | 8. The line with slope  and *x*‑intercept –3. | 9. The line with slope  passing through the point (–5,–7). |