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.***

|  |  |  |
| --- | --- | --- |
| 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). |