(1) [3 points] Find the midpoint of the line segment joining $P_{1}=(-3,2)$ and $P_{2}=(6,0)$.
(2) [7 points] Find all points on the $x$-axis that are 5 units from the point $(4,-3)$.
(3) [5 points] Find the $x$ and $y$ intercepts of the graph of $x^{2}+y-9=0$
(4) [5 bonus points] Simplify

$$
\frac{\frac{4 x+20}{9 x^{2}}}{\frac{x^{2}-25}{3 x}}
$$

