A198 Simultaneous equations 2

(1) $x=0, y=5$
$x=-4, y=-3$

(2) $x=-\frac{23}{7}, y=\frac{15}{7}$

$x=3, y=-1$

(3) $x=\frac{5}{2}, y=\frac{25}{2}$

$x=-4, y=32$

(4) $x=3.4, y=-3.8$
$x=-1, y=5$

(5) $x=2, y=2$
$x=-1, y=4$

(6) $(-4,-2)$ and $(3,5)$

(7) $(4.5, 4.5)$ and $(6,3)$

(8) proof, one point of intersection
$\therefore$ tangent