

1. (1) $(5, 13)$
(2) $x = 0; \quad y = 0$
(3) The lines intersect at the point $(26, 5)$

2. (1) $(1, 9)$
(2) $x = 3; \quad y = 16$
(3) The lines do not intersect, they are parallel.

3. (1) $(8, 56)$
(2) $x = \frac{\pi}{4}; \frac{5\pi}{4}; \quad y = -9$
(3) The lines are superimposed.

4. (1) $(-2, 5)$
(2) $x = -1; \quad y = e$
(3) The lines intersect at the point $(10, 6)$

5. (1) There is no solution; the lines are parallel.
(2) $x = -4; \quad y = 1$
(3) The lines do not intersect, they are parallel.