1. Find the x-coordinate of the point of intersection of the lines

$$y = mx + b$$
$$y = nx + d$$

Your expression may contain m, n, b and d, but should not contain the variables x and y.

2. Use this formula to find the point of intersection of the lines

$$y = \frac{3}{4}x + 3$$
$$y = -\frac{1}{3}x - 2$$

- 3. Find the x-coordinate of the point of intersection of the lines
 - ax + by = pcx + dy = q

Your expression may contain a, b, c, d, p and q, but should not contain the variables x and y. 4. Find the y-coordinate of the point of intersection of the lines

$$ax + by = p$$
$$cx + dy = q$$

Your expression may contain a, b, c, d, p and q, but should not contain the variables x and y.

5. Use the formulas above to find the point of intersection of the lines

$$3x + 5y = 17$$
$$2x + y = 9$$