

Class - 10th
Subject - Maths
Daily Practice Paper

Qns 1. Solve for x and y

$$140x + 231y = 527$$

$$231x + 140y = 610$$

Qns 2. For what values of k, system of equation have infinite solutions:

$$Kx + 3y = k - 3$$

$$12x + yk = k$$

Qns 3. For what value of k , system of equation is inconsistence.

$$(3k + 1)x + 3y = 2$$

$$(k^2 + 1)x + (k - 2)y = 5$$

Qns 4. X takes 3 hours more than y to walk 30 km. If x double his speed he is ahead of y by 1.5 hours , find their speed.

Qns 5. Solve for x and y.

$$2x + 3y = 17$$

$$4x - 3y = 5$$

Qns 6. Find the number of solutions of a pair of equation.

$$2x - 3y = 5 \text{ and } 2x + 4y = 16$$

Qns 7. Solve for x and y

$$99x + 11y = 499 \text{ and } 101x + 99y = 501$$

Qns 8, Solve for x and y

$$5x + 4y - 4 = 0 \text{ and } x - 12y - 20 = 0$$

