

**MODEL ACTIVITY TASKS**  
**CLASS – IX**  
**MATHEMATICS**

---

**1. Choose the correct answers and write them :**

(i)  $x, y$  and  $z$  are three real numbers. If  $x < y$  and  $z < 0$  then,

- (a)  $x \times z < y \times z$       (b)  $x \times z > y \times z$       (c)  $x \times z \leq y \times z$       (d)  $x \times z = y \times z$

(ii) Choose which one of the points does not lie on the graph of the equation  $3x - y = 7$

- (a) (3, 2)      (b) (1, -4)      (c) (0, -7)      (d) (2, 0)

**2. Match the columns:**

A	B
(a) Rational number	(i) Infinite non recurring decimal numbers
(b) Irrational number	(ii) Non real numbers
	(iii) Finite decimal numbers or recurring decimal numbers

3. Solve :  $4x - 3y = 16$ ;  $6x + 5y = 62$ .

4. Prove that the points (2, 0), (5, 0), (6, 2) and (3, 2) form a parallelogram when they are joined orderly.