

WORKSHEET

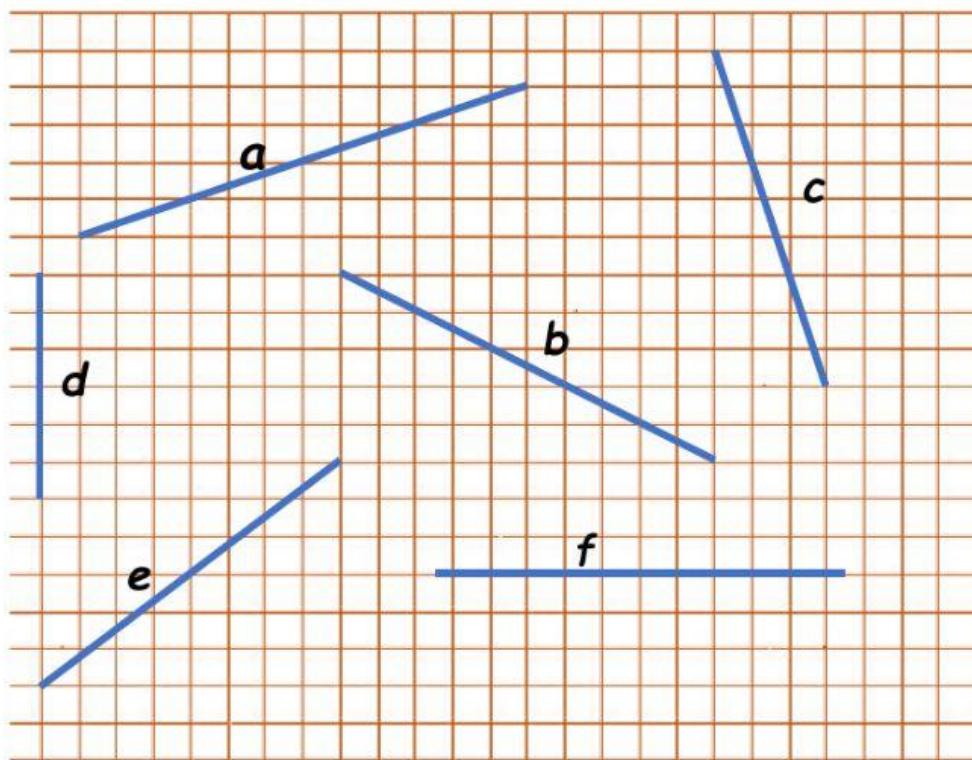
GRADIENT (m)

NAME :

CLASS :

NO :

1. Determine Pairs Of Gradients From Each Line.



$$m_a =$$

$$m_b =$$

$$m_c =$$

$$m_d =$$

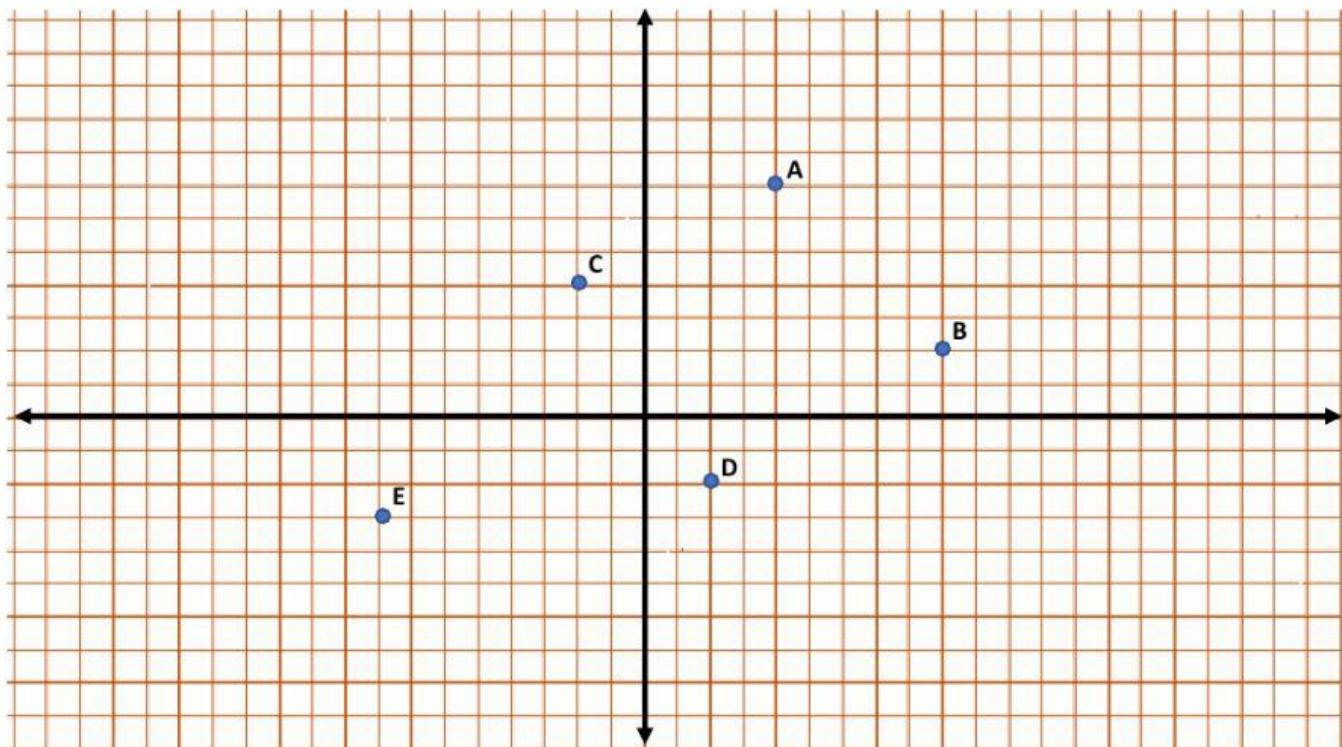
$$m_e =$$

$$m_f =$$

$\frac{3}{2}$ $\frac{3}{5}$ $\frac{3}{4}$ 2 0 Undefined

$\frac{1}{3}$ -3 $\frac{4}{3}$ 1 $-\frac{1}{2}$

2. Determine the Pairs of gradient of the line that passes through the given points..



$$m_{AB}$$

$$\frac{4}{7}$$

$$m_{BD}$$

$$-1$$

$$m_{DE}$$

$$\frac{2}{3}$$

$$m_{CD}$$

$$0,1$$

$$-\frac{3}{2}$$

3. Given Straight-Line Equations.

- i. $2y = 6x + 9$
- ii. $4x = 2y - 5$
- iii. $3x + 6y = 12$
- iv. $10y + 5x - 17 = 0$
- v. $18x - 6y = 22$

Enter into the box, which lines are parallel and perpendicular?

PARALLEL

PERPENDICULAR