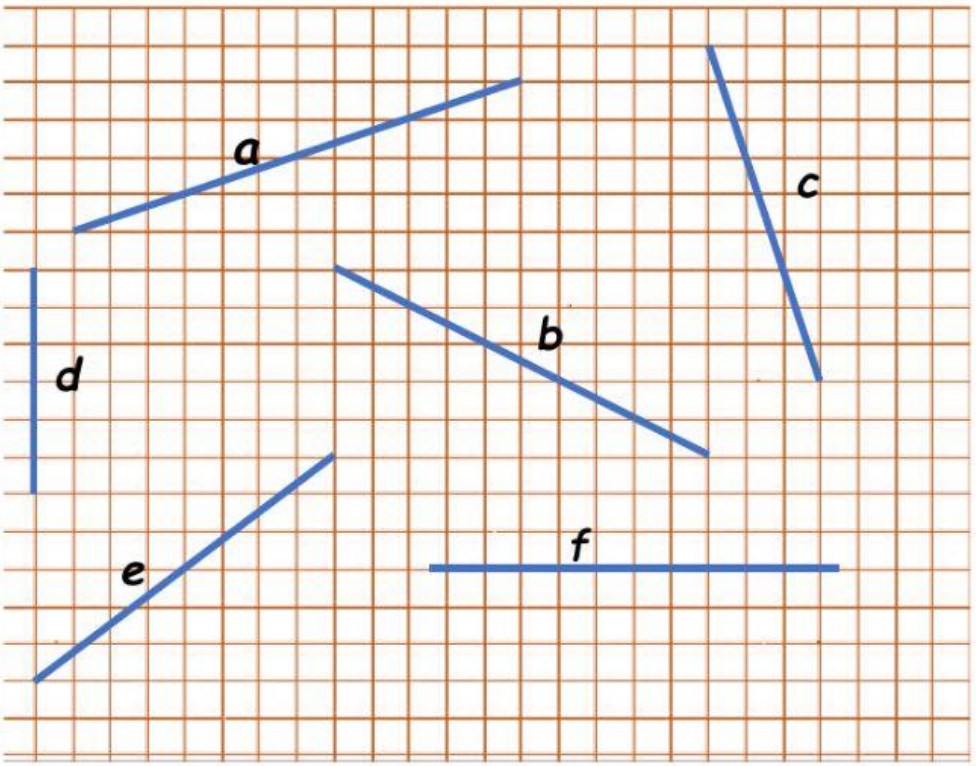
WORKSHEET

GRADIENT (m)

NAME : CLASS : NO :

1. Determine Pairs Of Gradients From Each Line.



$m_a =$

$m_b =$

$m_c =$

$m_d =$

$m_e =$

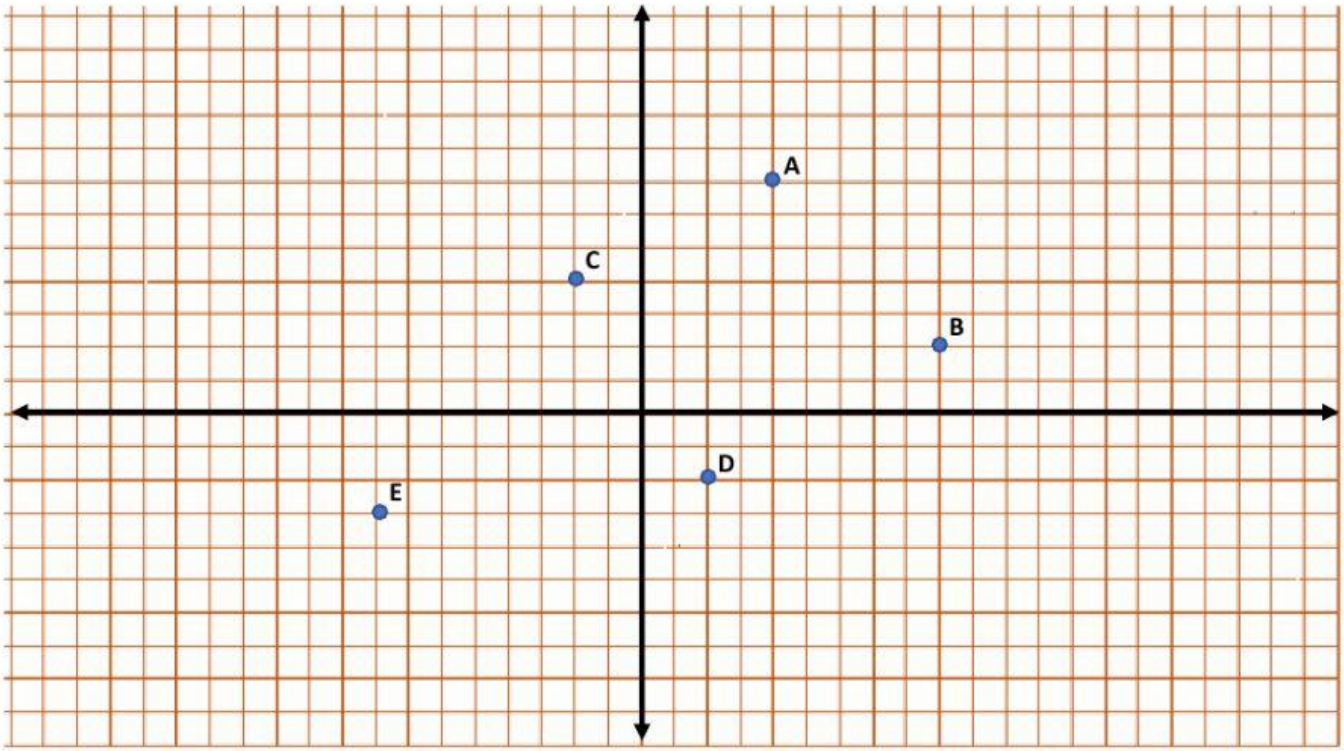
$m_f =$

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

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

LIVEWORKSHEETS

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
	$-\frac{3}{2}$

LIVEWORKSHEETS

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

LIVEWORKSHEETS