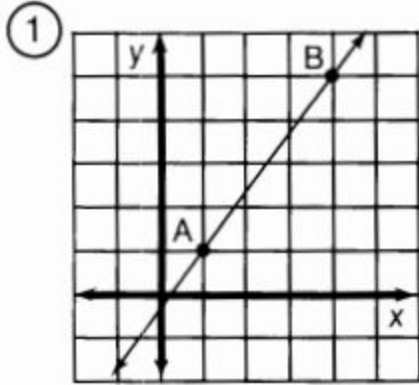


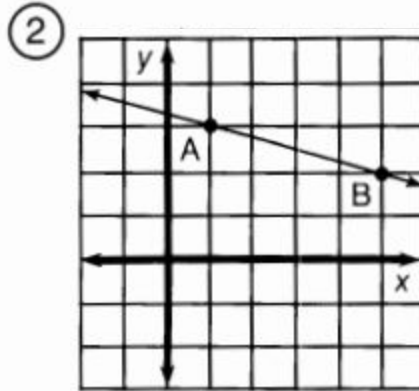
## Worksheet 3-2

**Directions:** Find the slope for each problem. Then find your answer at the bottom and cross it out. The letters that are left over go into the riddle box.

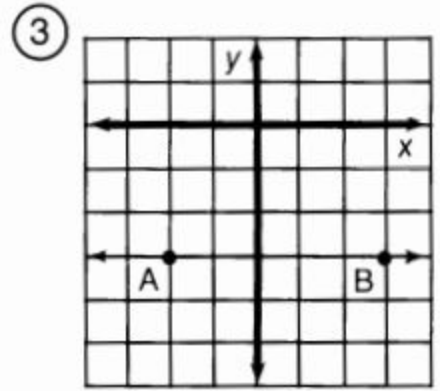
$\frac{\text{Rise}}{\text{run}}$



Slope: \_\_\_\_\_



Slope: \_\_\_\_\_



Slope: \_\_\_\_\_

$\frac{y_2 - y_1}{x_2 - x_1}$

④ (2, 1); (5, 3)

⑤ (9, 2); (3, -1)

⑥ (-4, -8); (-2, 0)

⑩ (-3, 1); (-7, 4)

⑭ (1, -1); (-2, -6)

⑱ (0, 0); (-2, 7)

$\frac{\text{change in } y}{\text{change in } x}$

⑩

Time (x)	20	30	40
Altitude (y)	170	162	154

⑪

tickets (x)	1	2	3	4
cost (y)	3.50	4.00	4.50	5.00

⑫

Time (x)	4	6	8
Height (y)	1	1.5	2

⑬

Time (x)	1	2	3
Distance (y)	20	30	40

⑭

Tickets (x)	1	2	3	4
Cost (y)	3.50	6.00	8.50	11.00

⑮

Time (x)	5	10	15
Depth (y)	12	24	36

DU	AB		ST	AR	IG	AT	OB		ET	BE	ST
0	$\frac{5}{2}$		$\frac{12}{5}$	9	$-\frac{3}{-6}$	$-\frac{7}{2}$	$-\frac{7}{-6}$		$\frac{2}{3}$	$-\frac{5}{4}$	$\frac{5}{3}$
CA	RD	RI		UC	RI	ME	AQ	UA	KY	ET	CK
$-\frac{8}{10}$	$\frac{1}{6}$	$-\frac{1}{4}$		-8	10	2.5	0.5	$-\frac{3}{4}$	$\frac{8}{5}$	$\frac{8}{2}$ or 4	$\frac{4}{3}$