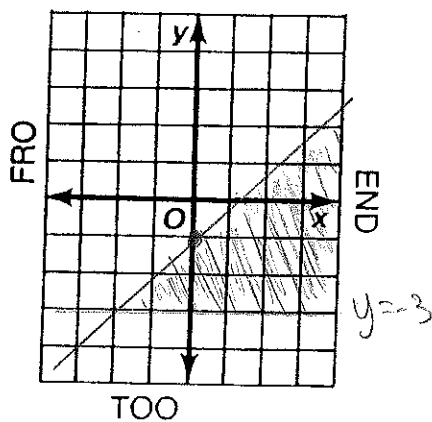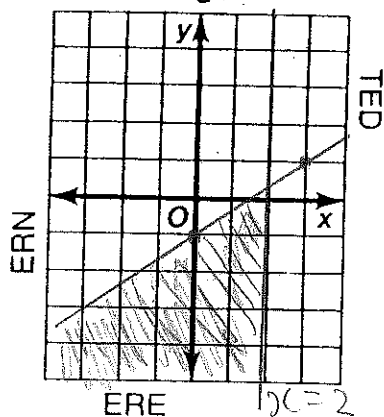# What Did the Toothless Old Termite Say When He Entered a Tavern ?

Graph each pair of inequalities below and indicate the solution set of the system with crosshatching or shading. The crosshatching or shading, if extended, would cover a set of three letters. Print those letters in the three boxes at the bottom of the page that contain the exercise number.
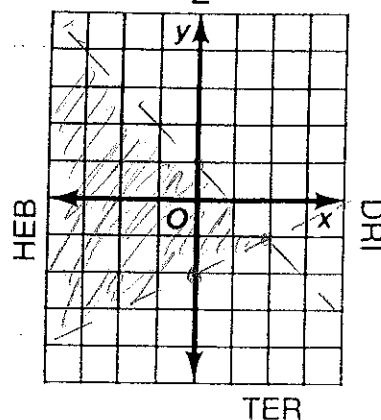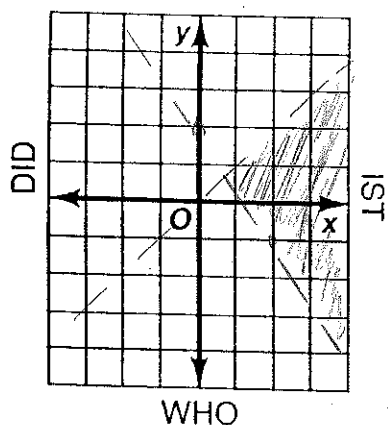
① $y \leqslant x - 1$
$y \geqslant -3$

FRO · END · TOO

$y = -3$

② $x \leqslant 2$
$y \leqslant \frac{2}{3}x - 1$

ERN · TED · ERE

$x = 2$

$y \geqslant \frac{1}{3}x - 4$

③ $y < -x + 1$
$y > \frac{1}{2}x - 2$

HEB · DRI · TER

④ $y < x$
$3x + 2y > 4$

DID · IST · WHO

⑤ $x - 3y \leqslant 12$
$x > 2$

dotted

EDH · ERH · SEV

⑥ $y \leqslant 1$
$2x + y < 1$

$y < -2x + 1$

EER · ETS · ART
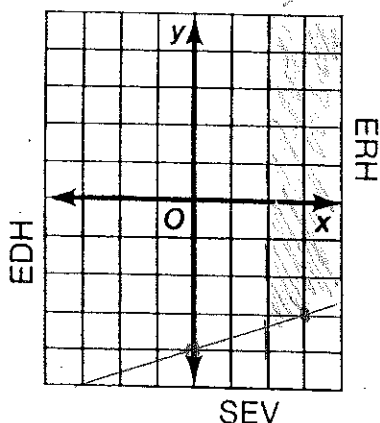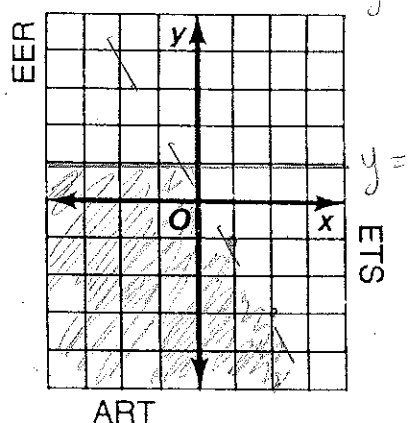
4	4	4	3	3	3	6	6	6	1	1	1	5	5	5	2	2	2
I	S	T	H	E	B	A	R	T	E	N	D	E	R	H	O	R	E

D–32

OBJECTIVE 2–j: To solve systems of linear inequalities in two variables by graphing.