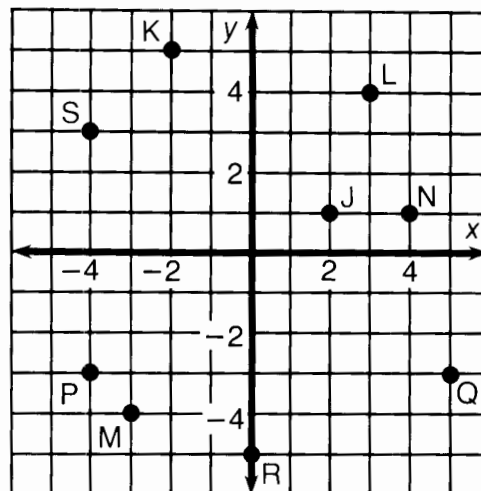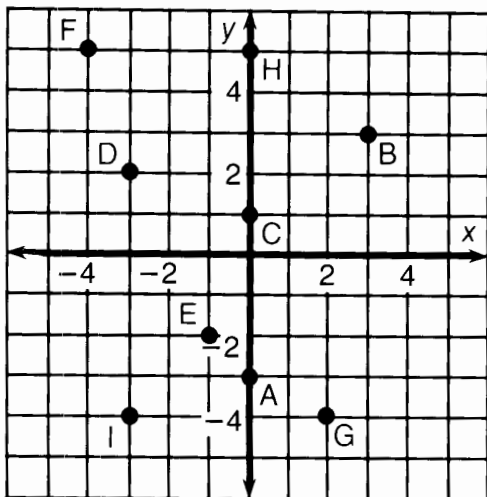# What Did the Ape Think of the Grape's House?

For each exercise, draw the line indicated and write its equation. Find your answer in the answer section and notice the two letters next to it. Print these letters in the two boxes at the bottom of the page that contain the number of that exercise.

(1) Equation of $\overleftrightarrow{AB}$ _____

(2) Equation of $\overleftrightarrow{CB}$ _____

(3) Equation of $\overleftrightarrow{DE}$ _____

(4) Equation of $\overleftrightarrow{FG}$ _____

(5) Equation of $\overleftrightarrow{HI}$ _____

(6) Equation of $\overleftrightarrow{JK}$ _____

(7) Equation of $\overleftrightarrow{LM}$ _____

(8) Equation of $\overleftrightarrow{NS}$ _____

(9) Equation of $\overleftrightarrow{PQ}$ _____

(10) Equation of $\overleftrightarrow{RQ}$ _____

Answers:

DE	$y = -\frac{1}{4}x + 2$
SA	$y = \frac{4}{3}x - 1$
TH	$y = -\frac{3}{2}x + 2$
AS	$y = 2x - 3$
HE	$y = 3x + 5$

TT	$y = \frac{2}{5}x$
NE	$y = \frac{2}{3}x + 1$
OU	$y = -x + 3$
GH	$y = -\frac{3}{2}x - 1$
TW	$y = -3$

EA	$y = -2x + 3$
VI	$y = \frac{2}{5}x - 5$
TH	$y = -2x - 4$
TI	$y = \frac{4}{3}x$
SH	$y = \frac{2}{3}x + 5$

5	5	3	3	6	6	4	4	7	7	9	9	1	1	8	8	10	10	2	2

OBJECTIVE 5–i: To find an equation of a line given two points on the line (using the graph).