

Draw line "A" with a negative slope in Quadrant I exactly $\sqrt{40}$ units long.

Draw line "B" with a negative slope in Quadrant II exactly $\sqrt{97}$ units long.

Draw line "C" with a positive slope in Quadrant III exactly $\sqrt{146}$ units long.

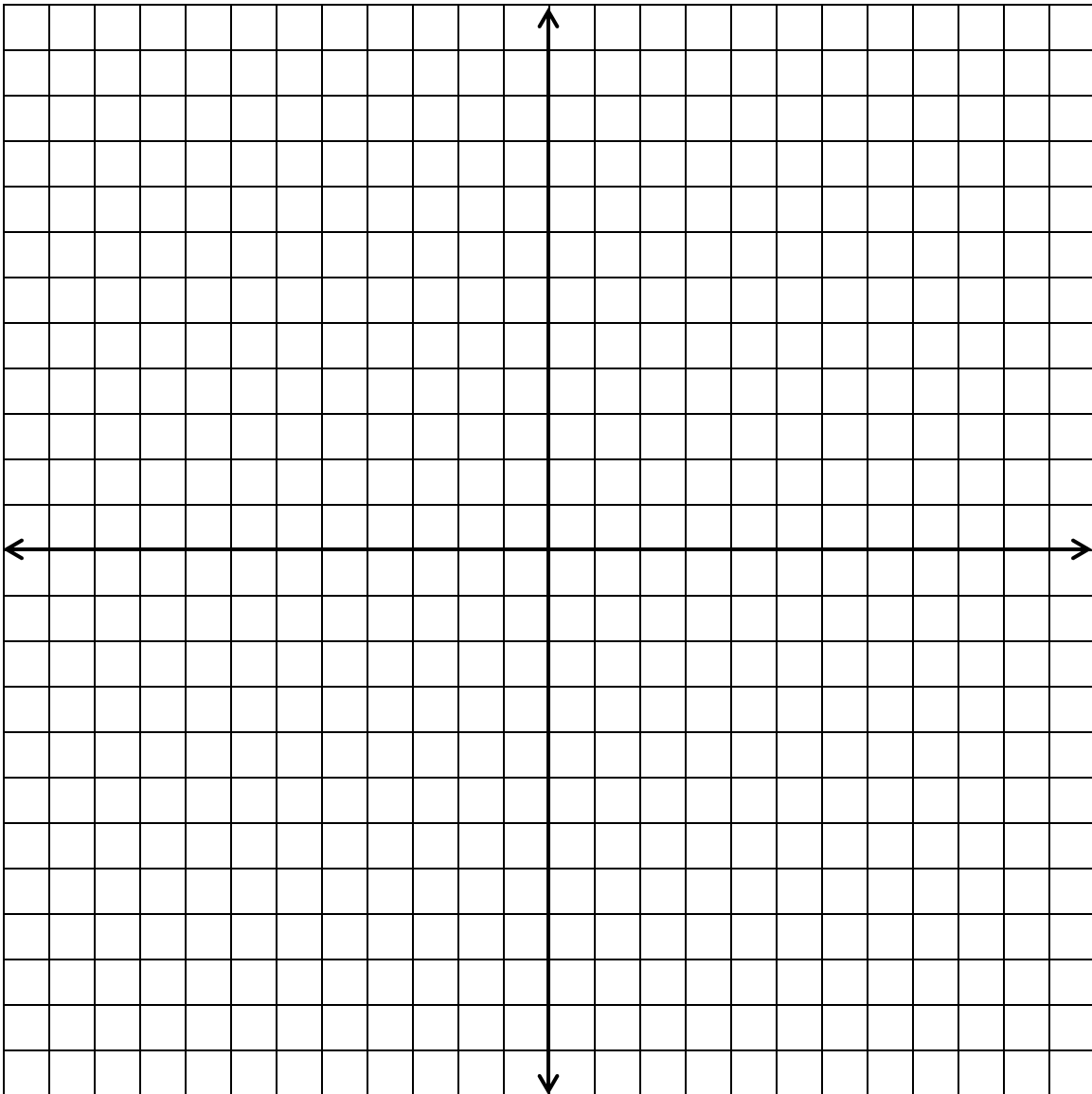
Draw line "D" with a positive slope in Quadrant IV exactly $\sqrt{145}$ units long.

Draw line "E" with a negative slope in Quadrant IV exactly $\sqrt{136}$ units long.

Draw line "F" with a positive slope in Quadrant III exactly $\sqrt{26}$ units long.

Draw line "G" with a negative slope in Quadrant II exactly $\sqrt{58}$ units long.

Draw line "H" with a positive slope in Quadrant I exactly $\sqrt{145}$ units long, that has different legs from line D.



Answer Key

A	$4 + 36$	40	$2 - 6$	m = neg
B	$16 + 81$	97	$4 - 9$	m = neg
C	$25 + 121$	146	$5 - 11$	m - pos
D	$1 + 144$	145	$1 - 12$ or $8 - 9$	m - pos
E	$36 + 100$	136	$6 - 10$	m = neg
F	$1 + 25$	26	$1 - 5$	m - pos
G	$9 + 49$	58	$3 - 7$	m = neg
H	$64 + 81$	145	$1 - 12$ or $8 - 9$	m - pos