

Reciprocal Graphs Codebreaker - Answers

A	B	C	D	E	F	G	H	I	J	K	L	M
$-\frac{1}{3}$	-4	$\frac{1}{7}$	5	$-\frac{6}{5}$	-3	$\frac{3}{4}$	$-\frac{4}{5}$	$\frac{1}{5}$	$-\frac{2}{3}$	8	2	$\frac{1}{2}$
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	$-\frac{1}{2}$	$\frac{3}{2}$	-2	$\frac{1}{4}$	4	-1	6	$\frac{1}{6}$	-5	$-\frac{1}{7}$	3	$\frac{3}{8}$

Find the coordinates below, link your answers to the table above to reveal what happened to my claim against the airline over my missing luggage:

If $y = \frac{1}{x}$, find the y coordinate when $x = 5$.	If $y = \frac{1}{x}$, find the y coordinate when $x = \frac{1}{2}$.	If $y = \frac{3}{x}$, find the y coordinate when $x = -6$.	If $y = \frac{2}{x}$, find the y coordinate when $x = \frac{1}{2}$.	If $y = \frac{1}{x+2}$, find the y coordinate when $x = -3$.	If $y = \frac{1}{x-3}$, find the y coordinate when $x = 5$.
$\frac{1}{5}$	2	$-\frac{1}{2}$	4	-1	$\frac{1}{2}$
I	L	O	S	T	M

If $y = \frac{1}{5x}$, find the y coordinate when $x = \frac{1}{15}$.	If $y = \frac{1}{2x+1}$, find the y coordinate when $x = 3$.	If $y = \frac{3}{2x-1}$, find the y coordinate when $x = -4$.	If $y = \frac{1}{2x}$, find the y coordinate when $x = \frac{1}{8}$.	If $y = \frac{3}{x-1}$, find the y coordinate when $x = -1.5$.
3	$\frac{1}{7}$	$-\frac{1}{3}$	4	$-\frac{6}{5}$
Y	C	A	S	E