35 Prove $-\infty < y < \infty \land y \neq 0 \Rightarrow (x/y = z = x = z \times y)$.

After trying the question, scroll down to the solution.

	_∞<	y<∞ ∧ y≠0		
\Rightarrow	(x/y = z use	e cancellation fo	$r \times$ to multiply both sides of the equation by y
	=	$y \times (x/y) = y$	×Z.	associativity
	=	$(y \times x) / y = y x$	×Z.	symmetry of \times twice
	=	$(x \times y) / y = z \times y$,	associativity
	=	$x \times (y/y) = z \times y$,	inverse
	=	$x \times 1 = z \times y$		identity
	=	$x = z \times y$)	

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