

Puzzle pieces for a proof that the sum of two even numbers is even.

$2n + 2m$	Since $n + m$ is an integer,	=
$p + q$ is even	such that $p = 2n$ and $q = 2m$.	$p + q$
$2(n + m)$.	Let p and q be even numbers.	=
n and m	Then, there exist integers	Then,

Puzzle pieces for a proof that $\lim_{x \rightarrow 2} 3x + 1 = 7$.

$ 3x - 6 $	ϵ	$<$
if $0 < x - 2 < \delta$,	$\frac{3\epsilon}{3}$	$=$
$3 x - 2 $	Let $\epsilon > 0$.	$=$
For all x ,	Let $\delta = \frac{\epsilon}{3}$.	$=$
then $ (3x + 1) - 7 $	3δ	$=$