Inference at $*$ 2 0 1 1 1
of proof for Lemma multiply_nat_wf:

1. $i : \mathbb{N}$
2. $j : \mathbb{Z}$
3. $j < 0$
4. $((j{+}1) \geq 0\ ) \Rightarrow (0 \leq (i * (j{+}1)))$
5. $j \geq 0$

$\vdash 0 \leq (i * j)$
by Arith

1: .....wf..... NILNIL

$\vdash (i * j) \in \mathbb{Z}$

2: .....wf..... NILNIL

$\vdash 0 \in \mathbb{Z}$

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