

Inference at * 1 2 2
of proof for Lemma mul_cancel_in_eq:

1. $a : \mathbb{Z}$
2. $b : \mathbb{Z}$
3. $n : \mathbb{Z}^{-\circ}$
4. $\forall m:\mathbb{N}^+. ((m * a) = (m * b)) \Rightarrow (a = b)$
5. $(n * a) = (n * b)$
6. $\neg(n > 0)$
 $\vdash a = b$
by Assert $((-n) * (-a)) = ((-n) * (-b))$

1:assertion..... NILNIL

$\vdash ((-n) * (-a)) = ((-n) * (-b))$

2:

7. $((-n) * (-a)) = ((-n) * (-b))$
 $\vdash a = b$

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