divides[11,40]

$\text{divides}(b;\, a) \equiv_{\text{def}} \exists c{:}\mathbb{Z}.\ (a = (b * c))$

clarification:

$\text{divides}(b;\, a) \equiv_{\text{def}} \exists c{:}\mathbb{Z}.\ (a = (b * c) \in \mathbb{Z})$

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http://www.nuprl.org/FDLcontent/p0_399846_/p83_7248_{divides}.html