

qmul^{11,40}

$r * s$
 \equiv_{def} if isint(r)
then if isint(s) then $r * s$ else let $i, j = s$ in $\langle r * i, j \rangle$ fi
else let $p, q = r$
in
if isint(s) then $\langle p * s, q \rangle$ else let $i, j = s$ in $\langle p * i, q * j \rangle$ fi
fi

clarification:

$r * s$
 \equiv_{def} if isint(r ;tt;ff)
then if isint(s ;tt;ff) then $r * s$ else let $i, j = s$ in $\langle r * i, j \rangle$ fi
else let $p, q = r$
in
if isint(s ;tt;ff) then $\langle p * s, q \rangle$ else let $i, j = s$ in $\langle p * i, q * j \rangle$ fi
fi