

Re: convert meters to feet/inches

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.worksheet.functions/2009-06/msg01539.html>

- *From:* Glenn <address@xxxxxxxx>
 - *Date:* Wed, 10 Jun 2009 08:00:30 -0500
-

Change ROUND to TRUNC.

TheBlueShadow wrote:

I'm trying to put together a chart for track and field. This formula works great except for one thing ... I'm wondering if you can find a solution.

If a pole vault bar is raised to 3.2 meters it equals 10' 6" like your formula produces. But if the bar is raised to 3.35 meters the formula produces 10' 12" ... is there a way to have the formula produce 11' instead?

Thank you. :)

"Rick Rothstein (MVP - VB)" wrote:

Why not just this instead?

```
=TRUNC(A1/0.3048)&" feet  
"&ROUND(MOD(ABS(A1)/0.3048,1)*12,0)&" inches"
```

Rick

"David Biddulph" <[groups\[at\]biddulph.org.uk](mailto:groups[at]biddulph.org.uk)> wrote in message
news:dPmdnRoxotAII9rVRVnyugA@xxxxxxxx

Checking again in the negative number case, it does need something a bit more complicated, such as:

```
=TRUNC(A1/0.3048)&" feet  
"&ABS(ROUND((A1/0.3048-TRUNC(A1/0.3048))*12,0))&"  
inches"
```

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David Biddulph

"David Biddulph" <[groups\[at\]biddulph.org.uk](mailto:groups[at]biddulph.org.uk)> wrote in message

news:JPydnXQjHsFhlNrVnZ2dneKdnZydnZ2d@xxxxxxxx

Re: convert meters to feet/inches

Better to divide by 0.3048, rather than to multiply by what isn't exactly the reciprocal. Also, why are you using the strange ROUND construct, rather than using TRUNC (or INT if the number is positive, as your ROUND only works for positive numbers)?

Isn't =TRUNC(A1/0.3048)&" feet
"&ROUND(MOD(A1/0.3048,1)*12,0)&"
inches" a bit easier than
=ROUND(A1*3.2808399-0.5,0)&" feet
"&ROUND((A1*3.2808399-ROUND(A1*3.2808399-0.5,0))*12,0)&"
inches" ?

--
David Biddulph

"sb1920alk" <none@xxxxxxxxxxxx> wrote
in message
news:37CEE131-5FDA-4672-8E84-EA63B18A93FC@xxxxxxxxxxxxxxxxxxxx

=ROUND(A1*3.2808399-0.5,0)&"
feet
"&ROUND((A1*3.2808399-ROUND(A1*3.2808399-0.5,0))*12,0)&"
inches"

Here I'm converting the value in A1 from meters to feet using 3.2808399 feet per meter. The first part truncates the decimal portion and adds, "feet" and the second part truncates the integer portion and convert it to inches and adds "inches"

"Ann" wrote:

i'm trying to
convert
from meters
to feet and
inches (not
just feet or
not
just inches).
so if i have
2 meters, i
want the

Re: convert meters to feet/inches

result to
read 6 feet,
2 inches for
example not
6.x feet or
78 inches.
here's the
formula i
have, which
i can't get
right.
=CONVERT(2,"m","ft""in").
tia