

Yeah, but what about....

Date _____ Period _____

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Simplify the following radicals without estimation of the use of decimals.

1) $\sqrt{72}$

Guiding questions:

- 2) :Is the number under the radical a square number?
- 3) Can the number be written as a product of a square and non-square number?
- 4) Why is it helpful to write the number under the radical as a product of a square and nonsquare number?
- 5) What can be done to simplify the square number that is now under the radical?

Reference site.

- 6) <http://www.purplemath.com/modules/radicals.htm>