

The line of symmetry for a parabola does not always contain which point?

- a. extremum
- b. midpoint of the x-intercepts
- d. y-intercept

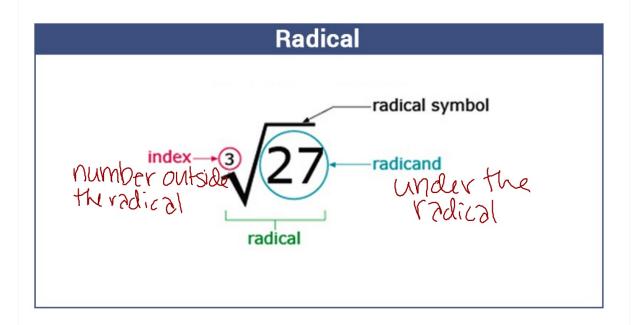
Agenda:

- 1) Simplifying RADicals!!! Guided Notes.
- 2) Mastery Challenge.



Simplifying Radicals



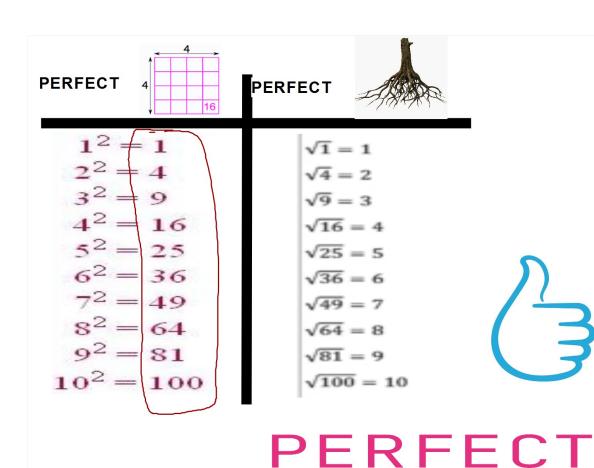


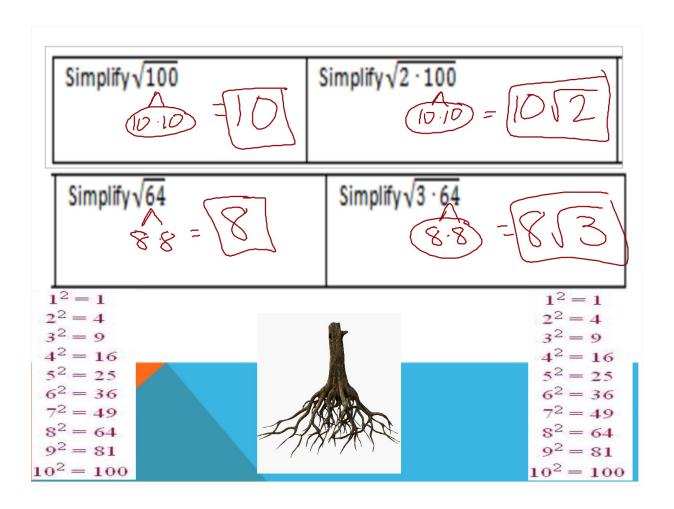
Note: An index of 2 is understood but not written in a square root sign.

Rules and Properties: Square Root Expressions in Simplest Form

An expression involving square roots is in simplest form if

- 1. There are no perfect-square factors in a radical.
- 2. No fraction appears inside a radical.
- 3. No radical appears in the denominator.



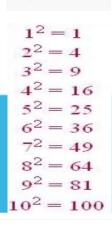


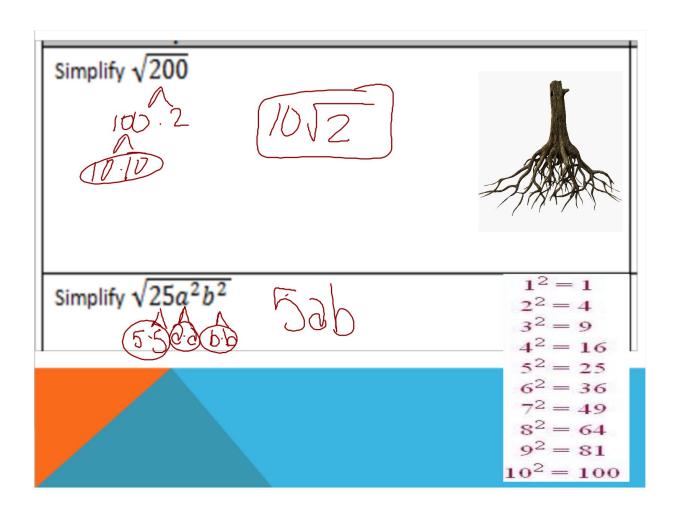
Make a prediction: Given the work you did above, how do you think

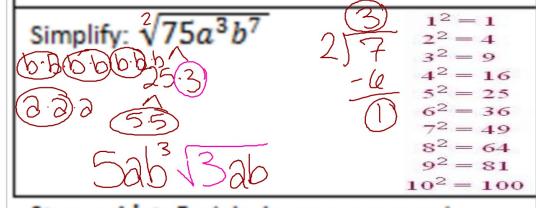
we could simplify the following expression?



DISCIPLINE is doing what needs to be done, when it needs to be done, when we don't want to do it.



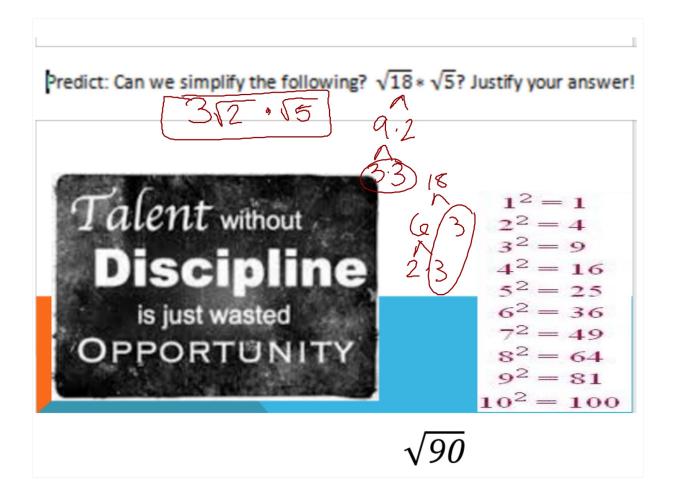


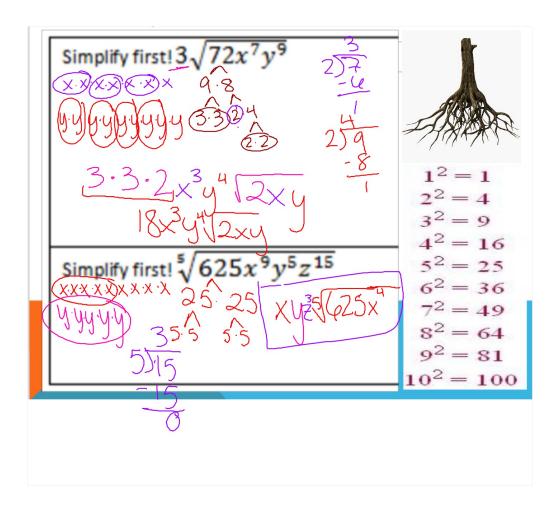


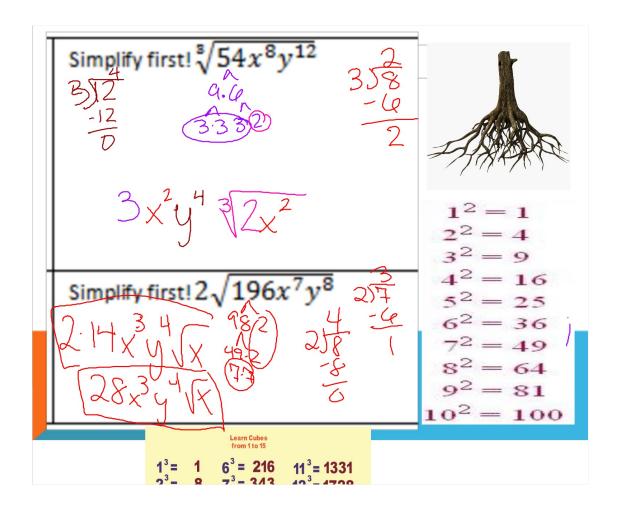
Stop and jot: Explain, in your own words,

what it means to simplify a radical expression.









Mastery Challenge!

- If you got the last question correct, start from the "Got it" column. If you didn't, start from the "Not yet" side!
- Solutions are at the front! Make sure you check before you move onto the next.
- Raise your hand and let Ms. Brady or Ms. Paul know once you're finished!



