From yesterday → 2.2 exercises

27a) $\frac{\sqrt{132}}{\sqrt{3}} = \sqrt{\frac{132}{3}} = \sqrt{\frac{44}{3}}$ 23c) $\sqrt{\frac{27}{4}} = \frac{\sqrt{27}}{\sqrt{4}}$ 27 c) $\sqrt[4]{\frac{1}{4} \cdot \sqrt[4]{\frac{1}{64}}} = \sqrt[4]{\frac{1}{64}} = \sqrt[4]{\frac{1}{64}}$ $\sqrt{64}$ = $4\sqrt{1}$ = $4\sqrt{1}$ = $4\sqrt{1}$ = $4\sqrt{1}$ = $4\sqrt{256}$

From yesterday → 2.2 exercises

 $(64a^{4}b^{7})^{\frac{1}{6}}$ $47a) \sqrt[6]{64a^{6}b^{7}}$ $564 5a^{6} 5b^{7}$ $= 2ab5b 5b^{6}$ $5b^{6}b^{1}$ $2ab 5b^{\frac{1}{6}}$

53a) $\sqrt{81x^2+81}$ $\sqrt{81(x^2+1)}$ $\sqrt{81}(x^2+1)$ $\sqrt{81}(x^2+1)$ $\sqrt{81}(x^2+1)$

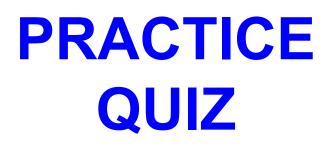
From yesterday → 2.2 exercises

57b) $\left(\frac{4}{9}\right)^{-\frac{1}{2}}$ c) $\left(\frac{16}{81}\right)^{\frac{3}{4}}$ $\begin{pmatrix} 2 \\ 3 \end{pmatrix}^{3}$ 61*a*) $x^{\frac{3}{4}} \cdot x^{\frac{5}{4}} \ge \frac{5}{4} \ge \frac{5}{4}$ $\chi^3 \cdot \chi^4 = \chi^3 + 4$ $= \chi^7$

PRACTICE QUIZ TODAY

Use it to study for the quiz that will be given soon. (Keep it, don't hand it in.)





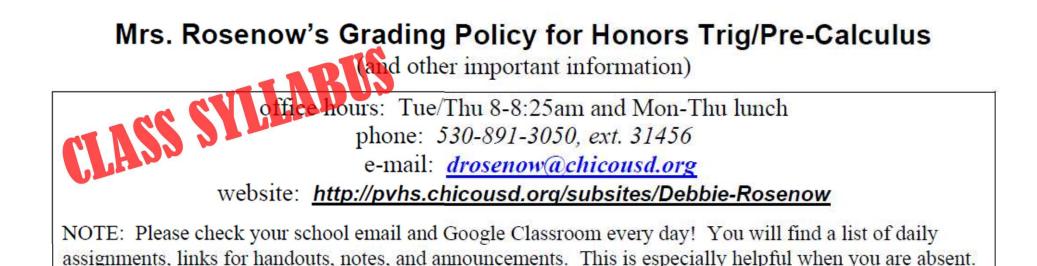
Check answers:

1. 5. 64 1 6. 2. 0 9 3. 7. 4. 8 _9

8.

3

PRACTICE QUIZ 5⁶ 9. 2^{9} 10. Check $81a^8b^{20} \bullet a^3b^{12} = 81a^{11}b^{32}$ 11. answers: $10x^3y^{\frac{3}{4}}$ 12.

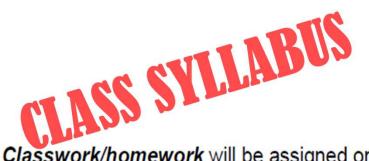


The following breakdown and scale will be used to determine your overall grade:	90 - 100%	A
quizzes and tests85% of overall grade	80 – 89% B	
class <i>work</i> , home <i>work</i> , <i>work</i> habits… 15%	70 - 79%	C
	60 - 69%	D
	0 - 59%	F

<u>Tests and quizzes</u> will be given in class and written work will be submitted. Notes aren't allowed on assessments and the use of a calculator will vary. Quizzes may or may not be announced and the retakes on unit tests. Some online quizzes may allow two attempts per question.

NIO

Scientific calculators will be sufficient on many of the individual unit tests, although graphing calcul be required for certain standards. Free Desmos calculators are available online for daily work (see Google Classroom) and a TI calculator may be borrowed during class for assignments and assessm



<u>Classwork/homework</u> will be assigned on a daily basis. Written work is due at the beginning of our next class meeting and online work is due the night of our next class meeting by 11:59pm unless otherwise stated. You can earn partial credit if you do not finish an assignment, but turn it in on time. Homework is checked mainly for completeness—did you attempt to do all of the problems? Did you write out each problem/diagram and show work? You will be given credit for trying, making mistakes, and learning.

<u>Late assignments</u> will NOT be accepted. It is best to turn in an incomplete assignment on time and get partial credit (late work earns NO points.) Late work from an excused absence is the only exception if submitted within the designated time frame (see page 2.)

If you don't understand an assignment, then ask for help during class and/or immediately set up time during office hours for extra assistance.

If you take the extra time to meet with Mrs. Rosenow during office hours to get help with recent work, then up to <u>two</u> assignments per unit may be turned in late (must be submitted prior to the *current* unit test.)

The PVHS "Committed to Academics" Integrity Policy is enforced in this class. Plagiarism will not be tolerated. You are expected to put forth your best effort, do your own work, and learn from your mistakes.

- Check odd answers as you progress through the assignment.
- If something is incorrect, try to find your error and fix it...or ask someone how they solved the problem.
- Homework (written and online) is graded on completion and is worth 5 points per assignment.
- Late work is not accepted unless you come in during tutorial to finish it. Two late assignments per unit will be accepted for credit.