

Classroom Rules/School Rules

- Expectations
- Bookbags/Hats/Coats
- Cell Phones/Ipods
- Code of Conduct
- Exemptions (No More!)
- Must be respectful of all others in classroom. Someone is speaking or intercom is in use means EVERYONE else is listening.
- Fire Exit/Lockdown
- Study Block
- Attendance



It is now time to wake up those brains after a long summer break...

Review:

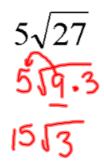
- Simplifying Radicals
- Pythagoras Theorem
- Basic Trigonometric Properties

Introductory Review



Simplify

12 923



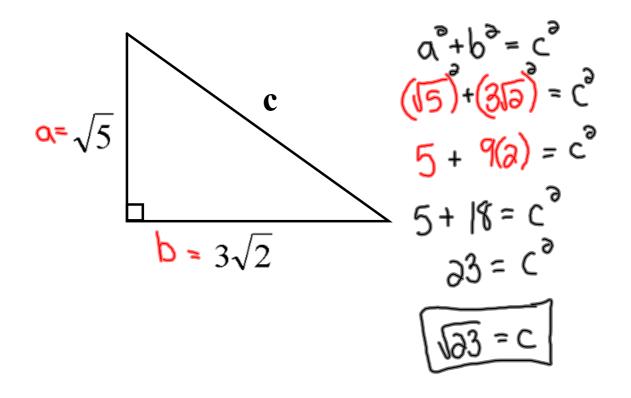
$$5\sqrt{8} + 4\sqrt{18}$$

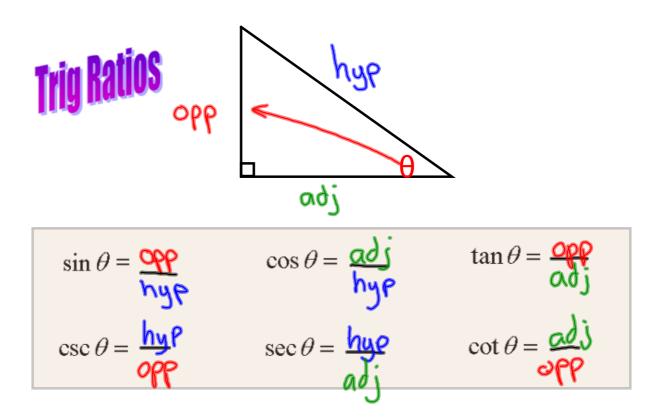
 $5\sqrt{4.2} + 4\sqrt{19.2}$
 $10\sqrt{2} + 12\sqrt{2}$
 $22\sqrt{2}$

Rationalizing the denominator is get rid of the radical From the bottom $\frac{5}{\sqrt{2}}$. $\sqrt[5]{2}$ 8\sqrt2 •\vec{8} 6.8 .58 212 $\frac{816}{6(9)} \Rightarrow \frac{32}{49} \Rightarrow \frac{2}{3}$ Think Conjugates! $(8-\sqrt{2})$ (2+5) (2- $\sqrt{5}$) (2+5) 16 + 855 - 913 - 110 4 +255-255-5 ⇒ <u>16+85-25-10</u> -1 ⇒ -16-815 + 357 + JTO



Determine the length of the idicated side!





Homework

Trig&3SpaceCourseOutline.doc