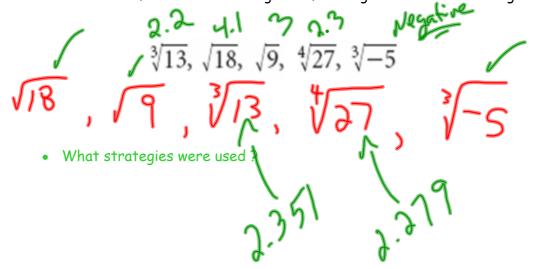
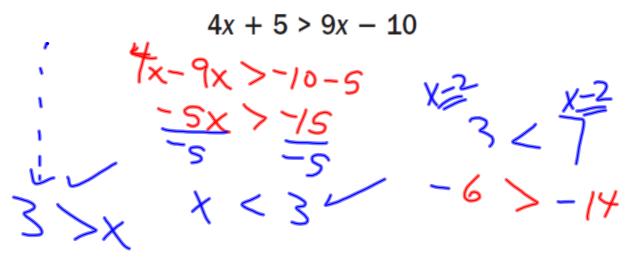
• Without the aid of a calculator arrange the following radicals in descending order:



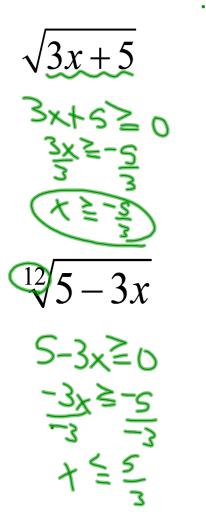
Pre-requisite skill... .

Solve this inequation:

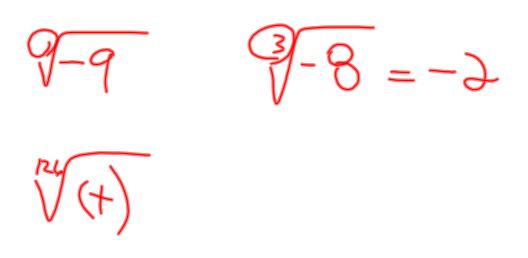


Let's revisit restrictions ...

State any restrictions on the following radicals:

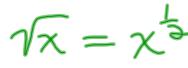


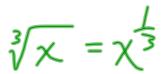
- x $\sqrt[6]{4x^8}$ $4x^3 \ge 0$ 7

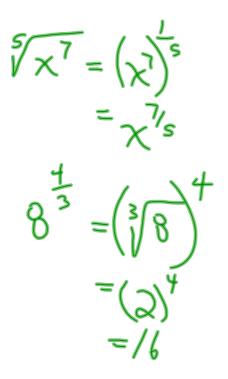


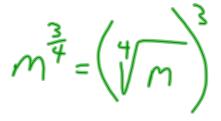
Simplifying Radicals

Required prior knowledge: - Expressing radicals as exponents



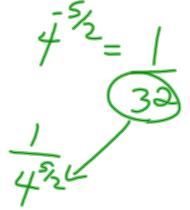






 $\frac{3}{2} = (\sqrt{9})$

1.6 = 4

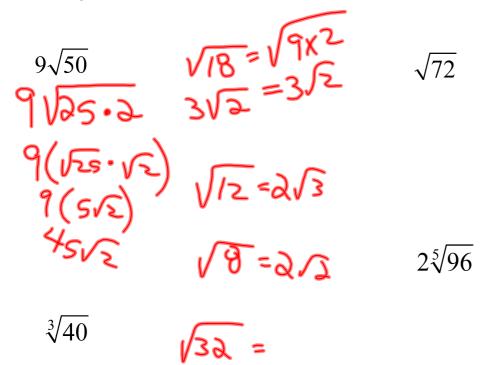


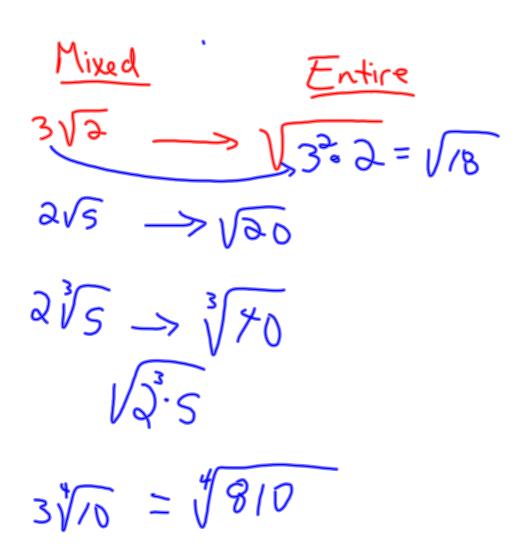
Exponents and Exponentials:

Evaluate the following...

$$-2^{4} + \left(\frac{1}{3}\right)^{-2} - 64^{-\frac{2}{3}} + 4w^{0} + (-3)^{2} + \frac{2^{-2}}{\sqrt{3}} - \frac{1}{\sqrt{3}} + \frac{4}{\sqrt{3}} + \frac{1}{\sqrt{3}} +$$

- Converting radicals between forms (Mixed <--> Entire)





64 4 V200 9 16 25 6 100·J 12 | 1012 5845 58985 Rerfect 5(3,5) ∛56 Ï 27 64 /s/5 18. 211 12 J₂=