

Do Now (2/3 & 2/4)

6:43 AM  
> Write down the essential question on your handout

> Answer the following problems:

Write in reduced radical form.

1.)  $\underline{2^{3/2}}$

$$\begin{aligned} & \sqrt{2^3} \\ &= \sqrt{2^2} \sqrt{2^1} \\ &= \boxed{2\sqrt{2}} \end{aligned}$$

2.)  $\underline{x^{7/4}}$

$$\begin{aligned} & \sqrt[4]{x^7} \\ &= \cancel{\sqrt[4]{x^4}} \sqrt[4]{x^3} \\ &= \boxed{|x| \sqrt[4]{x^3}} \end{aligned}$$