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10/29

- Extra Credit on 10/31
  - 4:30-5:30, rm 4-235
- Lab 6 packet due 10/31
- Extra Credit worksheets: Check email
- Ch. 7 Lab assessment
- 7.1 Cont.

Ex1 $\sqrt[5]{32x^{10}} \rightarrow \sqrt[5]{32} \cdot \sqrt[5]{x^{10}} \rightarrow 2 \cdot x^2 = 2x^2$

Ex2 $\sqrt[6]{64|y|^{12}} \rightarrow \sqrt[6]{64} \sqrt[6]{|y|^{12}} \rightarrow |2| \cdot |y^3| = |2y^3|$

Ex3 Domain of $f(x) = \sqrt{x-5}$?

index = 2
2 = even

$x - 5 \geq 0$
$+5 \quad +5$
$\boxed{x \geq 5}$

$\{x \mid x \text{ is real and } x \geq 5\}$

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