#### Homework Review:

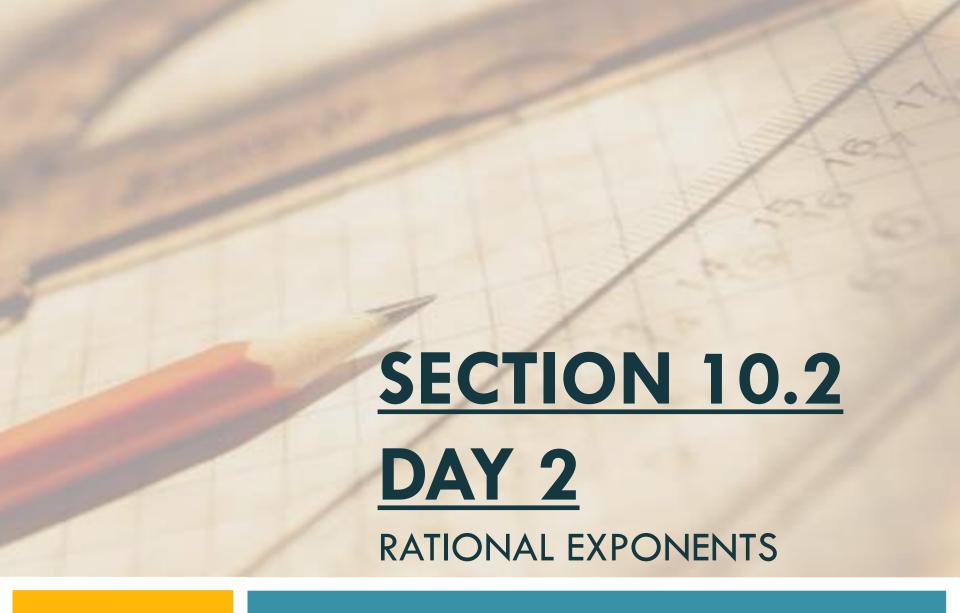
Sect 10.2 #'s 18 - 26 evens

18) 
$$2\sqrt{14}$$

20) 
$$9\sqrt{2}$$

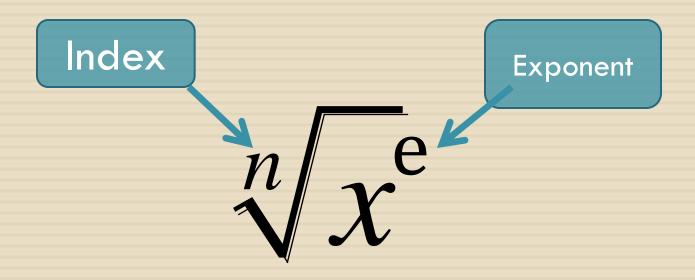
22) 
$$7\sqrt{5}$$

24) 
$$10\sqrt{2}$$



**SWBAT**:

- write expressions with exponents in radical form.
- Simplify expressions in radical or exponent form.



- $\square$  If there is no number in the index, it means n=2
- $\Box$  Think "square root" =  $2^{nd}$  root

Simplify

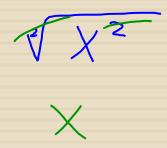
$$\sqrt[2]{a^4}$$

$$a^{z}$$

$$\sqrt[4]{b^5}$$

$$\sqrt{90x^3y^4z^5}$$
 $\sqrt{90} \sqrt{x^3} \sqrt{y^4} \sqrt{z^5}$ 
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 $\sqrt{y$ 

$$\sqrt{32r^2k^4t^5}$$
 $\sqrt{32r^2k^4t^5}$ 
 $\sqrt{32r^2k^4}$ 
 $\sqrt{32r^2k^4}$ 



$$\sqrt{6xy^5z^7}\cdot\sqrt{6y^5}$$

#### HOMEWORK



Worksheet – Simplify and color!