Nov. 29- bell ringer $\left(5\sqrt{2}\right)^3 \left(-\sqrt{3}\right)^2$

Section 7-2, part 1

Learning target: You can divide monomials.

$$\frac{7}{\sqrt{2}} =$$

Rule | - Dividing monomials $\frac{\chi}{\chi} = \chi$

Examples 212 28

$$\frac{\chi^3}{\chi^3} = \frac{1}{\chi^3}$$

Rule 2: Zero Power Rule

Any nonzero numberto the Zero power is! Example $|3| = \frac{1}{3} =$

Rule3: Negative Exponents $\chi^{-n} = \frac{1}{\kappa^n}$

Examples: 2 =

$$3) m^{-5} o$$

$$\frac{1}{n^5}$$

$$5) \frac{\chi^2}{\chi^3}$$

7 7 7 2 5 4 7 5 4 7 5 1 5

8) 8xy 25 64x8y 2-3. $\frac{9}{36x^{5}y^{2}z^{2}}$ $\frac{-36x^{5}y^{2}z^{2}}{24x^{7}y^{3}z^{7}}$

$$\frac{10}{-\chi^3 y^4}$$

$$\frac{1}{\left(a^{\frac{1}{2}}\right)^{2}}$$

$$\frac{\left(a^{\frac{1}{2}}\right)^{2}}{\left(a^{\frac{-2}{b}}\right)^{-2}}$$

$$\frac{12}{5\chi^{2}}$$

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