CEU Guest See You @CEU Oliver Liss Oliverkiss Opm. me github com/Kiss-oliver Exam: Pass/Fail 77h take-home Math: 20/30 IT: solve it perfectly B008s: - Algebra - Tunctions - Calculus - Linear algebra - Probability Algebra - Poucos - R00-15 - Fractions - Simple aquations - Quadratic equations - Systems of lin equations n times () = ? Undefined $a^{-n} = \frac{1}{a^n} + 0$ $a^n \cdot a^m - a^{n+m}$ $\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$ $\frac{Z^{2};Z^{5}}{Z^{3}.Z^{4}} = \frac{Z^{3}-5}{Z^{3}-4} = \frac{Z^{3}-3-(-1)}{Z^{3}-4} = Z^{3}-2$ $\left(\frac{xy}{z}\right)^{-2} = 3 \qquad \left(\frac{z}{xy}\right)^6 = 27$ $a^{-n} = \frac{1}{a^{n}}$ $\left(\frac{2}{xy}\right)^{2} = \left(\frac{2}{xy}\right)^{3} = \left(\frac{2}{xy}\right)^{3} - \left(\frac{2}{xy}\right)^{3}$ $= \left(\frac{2}{xy}\right)^{3} - \left(\frac{2}{xy}\right)^{3}$ = 3.3.3 = 27 $\sqrt[b]{x^a} = x^{\frac{a}{b}}$ $\sqrt[a]{a \cdot b} = \sqrt[a]{a} \sqrt[b]{b}$ $\sqrt[b]{a \cdot b} = \sqrt[a]{a} \sqrt[b]{a} \sqrt[b]{a}$ $\sqrt[b]{a} \sqrt[a]{a} \sqrt[b]{a} \sqrt[b]{a} \sqrt[a]{a}$ $\sqrt[b]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a}$ $\sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a}$ $\sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a}$ $\sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a}$ $\sqrt[a]{a} \sqrt[a]{a} \sqrt[a]{a}$ Rt. positive real numbers Di non-negative real numbers N: nætural numbers: 0,1,7,3,4... Z: integer numbers: - 3, -2, -1, 0, 1, 2, 3... R: any number with a decimal point representation.
3.14 2.7 3 - 2 |S| = 2 |S| = -1 |S| = |S| = 2 |S| = 3 |SnJa nJa HaERO, bERT $\sqrt{1600} = 40$ $Z^{2} = 1600$ Z = 40 $\begin{array}{c} 0.25 \\ X = 2 \end{array}$ $(x^{0.25})^4 = 24$ $x^{0.25.4} = x^1 = 16$ $(\alpha + b)^{2} = a^{2} + 2ab + b^{2}$ $(a - b)^{2} = a^{2} - 2ab + b^{2}$ $(a+b)(a-b) = a^{7}-b^{2}$ $\frac{1000^{2}}{252^{2}-248^{2}} = \frac{1900^{2}}{(252+248)(252-248)} = \frac{1000^{2}}{500.4} = \frac{1000^{2}}{2000} = \frac{1000^{2}}{2} = \frac{10000^{2}}{2} = \frac{1$