1.8 SolvingQuadsByQuadFrmla.notebook

Warm up

2. Evaluate $8^{-4/3}$ Rewrite in radical form: 1. x ^{3/4} 38-4=(2)-4 4)×3 3. Rewrite in rational exponent form... simplify if possible $\sqrt[64x^{15}y^{12}] = (64x^{15}y^{12})^{1/6}$ 641 1/1e x 15/1e y 12/1e 4. Solve $x^2 - 6x = 0$ X(X - Le) = 0X=0 X-6=0 (X=6) x=3±3\$6 *question: can you have one imaginary solution??? X====9 X=+3i





2.
$$2x^{2} - 8x + 15 = 0$$

 $a = 2$ $b = -8$ $c = 15$
 $X = 8 \pm \sqrt{(-8)^{2} - 4(a)(15)} \leftarrow 64 - 120$
 $a(a)$
 $X = 8 \pm \sqrt{-56} \leftarrow \sqrt{-4.14}$
 $Y = 8 \pm \sqrt{-4.14}$
 $Y = 8$



4.
$$3x^2 - 6x + 7 = 0$$

January 17, 2020

1.8 SolvingQuadsByQuadFrmla.notebook







