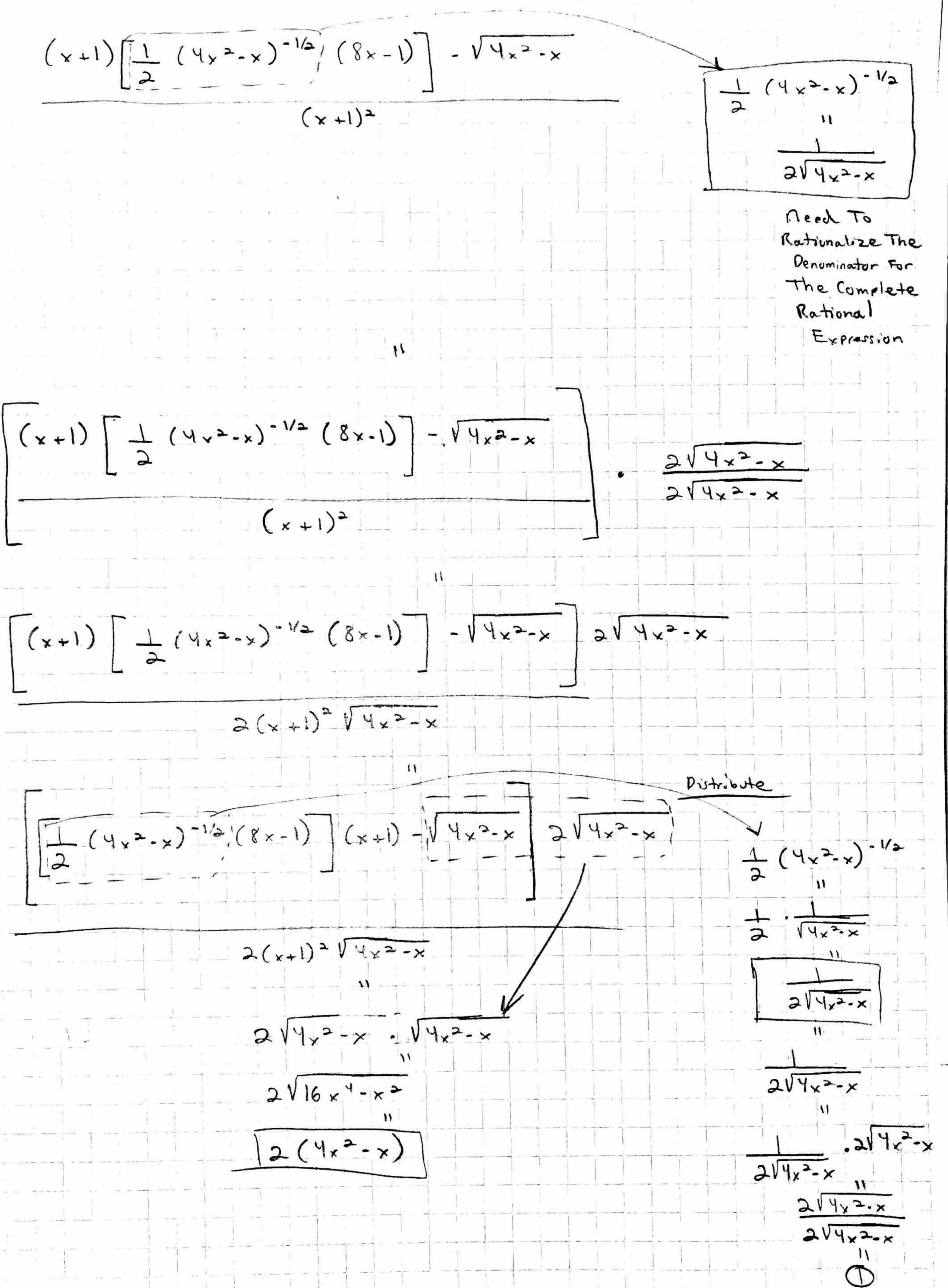
```
Example 6
   h(x) = x sec(x2 +1)
                                        Ge+ h'(x)
                                 x= x2+1 f(x) = x
                                                                              g(x) = sec(x2+1)
     h'(x) = \frac{\lambda}{\lambda x} \left[ x \operatorname{sec}(x^2 + 1) \right]
\frac{\Delta \left[ \operatorname{Sec}(x) \right]}{\Delta \left[ \operatorname{Sec}(x^2 + 1) \right]} + \operatorname{Sec}(x^2 + 1) \cdot \Delta \left[ \operatorname{C}(x^1) \right]
\frac{\Delta \left[ \operatorname{Sec}(x) \right]}{\Delta x} + \left[ \operatorname{Sec}(x^2 + 1) \right] + \operatorname{Sec}(x^2 + 1) \cdot \Delta \left[ \operatorname{C}(x^1) \right]
                                                                                               4 Product Rule
                                                        Chain It
sec(x)tan(x)
                                                         f'(g(x)) g'(x)
                                                         + '(g(x))
                                                           d [sec(x2+1)] . d [x2+1]
                                                             Sec(x2+1) tan(x2+1).
                                                              Sec(x2+1) tan(x2+1) . 2x
                   x [2x · sec(x2+1) ton(x2+1)] + sec(x2+1) · d [x1]
                x \left[ 2x \cdot .2ec(x^2+1) + an(x^2+1) \right] + sec(x^2+1).
                  2x2 sec (x2+1) +an(x2+1) + sec(x2+1)
               h'(x) = 2x^2 \operatorname{Sec}(x^2+1) \operatorname{tan}(x^2+1) + \operatorname{sec}(x^2+1)
                                   Sec(x2+1) + 2x2 sec(x2+1) +an(x2+1)
```

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$$\frac{1 \cdot (8 \times -1)(x+1) - 2(4 \times^{2} - x)}{2(x+1)^{2} \sqrt{4 \times^{2} - x}}$$

$$\frac{(8 \times -1)(x+1) - 2(4 \times^{2} - x)}{2(x+1)^{2} \sqrt{4 \times^{2} - x}}$$

$$\frac{5 \times^{2} + 5 \times -x - 1 - 5 \times^{2} + 2 \times}{2(x+1)^{2} \sqrt{4 \times^{2} - x}}$$

$$\frac{5 \times^{2} - 8 \times^{2} + 8 \times + 2 \times -y - 1}{2(x+1)^{2} \sqrt{4 \times^{2} - x}}$$

$$\frac{1}{12(x+1)^{2} \sqrt{4 \times^{2}$$

$$h(x) = \sqrt{\frac{4}{3}} \times x = 1$$

$$Get h(1)$$

$$h(1) = \sqrt{\frac{4}{10}} \times 1$$

$$h(1)$$