

Remember that the domain will exclude values for which the value of the denominator is 0. When $x = -3$, the denominator is $\frac{(x-3)(x-2)}{30} = \frac{(-3-3)(-3-2)}{30} = \frac{(-6)(-5)}{30} = 1$, so $x = -3$ is within the domain of the expression. What is the value of x when $x - 3 = 0$? When $x - 2 = 0$?