35- Find the variation constant and an equation of variation where y varies directly as x and y=15 when x=5.

The variation constant is K=

The equation of variation is Y=

36-Perform the indicated operations and simplify



37- Evaluate the polynomial for x=7



39- Simplify by removing factors of 1



40- Simplify by factoring, assume all expressions under radicals represent nonnegative numbers.



41- Factor



42- Identify the degree of each term of the polynomial and the degree of the polynomial.



The degree of the first term is=

The degree of the second term is=

The degree of the third term is=

The degree of the fourth term is =

The degree of the polynomial is=

44- Solve for x



46- Find the GCF for the group of terms



47- Factor completely



48- Factor completely



50- Multiply and simply by factoring. Assume that all expressions under radicals represent nonnegative numbers.

