a+b+[(b+c)+(d+e)*(f+e)]*(g+h)/(a+b)

Step 1:

a+b+[(bc+)+(de+)*(fe+)]*(g+h)/(a+b)

Let's substitute variables,

$x_1 = bc+$, $x_2 = de+$, $x_3 = fe+$

then the step 2:

Substitution,

$a+b+[x_1+(x_2 * x_3)]*(g+h)/(a+b)$

Step 3:

$a+b+[x_1+(x_2 x_3 *)]*(g+h)/(a+b)$

Let's substitute,

$x_2 x_3 * = x_{23}$

Step 4:

$a+b+[x_{23} x_1 +]*(g+h)+/(a+b)$

Step 5:

$a+b+[x_{23} x_1 +]*(gh+)/(ab+)$

Substitution,

$gh+ = x_4$, $ab+ = x_5$

$x_{23} x_1 + = x_{231}$,

$a+b+([x_{231}]*x_4)/x_5$

step 6:

$a+b+x_{231}x_4*/x_5$

substitute,

$x_{231}x_4* = x_{2314}$

step 7:

$a+b+x_{2314}x_5/$

Stbstitution,

$x_{2314}x_5/ = x_{23145}$

Step 8:

$a+b+x_{23145}$

Step 9:

$ab+x_{23145}$

Step 10:

$abx_{23145}+$

from step 10,

Let's re-substitute everything.

ab x_{2314} x_5 %+

ab x_{2314} ab+ %+

ab x_{231} x_4 * ab+ %+

ab x_{231} gb+ * ab+ %+

ab x_{23} x_1+ gb+ * ab+ %+

ab x_{23} bc+ + gb+ * ab+ %+

ab x_2 x_3 * bc+ + gb+ * ab+ %+

ab def+ * bc+ + gb+ * ab+ %+