

Abgabe: 2.7.2010

Name:

<b>1</b>	<p>Bitte berechnen Sie</p> <p>a) <math>(-2w + 1)(3w - 5)</math>  b) <math>(11k - 7r)(-5k - 9)</math>  c) <math>(-9o - 2)(-o - d)</math>  d) <math>(-10e + 3)(6m + w)(7b + 10a)</math>  e) <math>(x - 1)(-x + 2)(-x + 12)</math>  f) <math>(-5o - 2e)(9e - 8)(10d - b)</math>  g) <math>(-3v - 2k - 12h)(-2k - 11h - 8)</math>  h) <math>(-z - 5w - 7)(w + 3z + 7)</math>  i) <math>(-11r + 3i - c)(-6i + c + 5r)</math>  j) <math>(-8,6g - 4,6)(9,3v - 9,8)</math>  k) <math>(2,6k + 2o)(9,2k - 8,2o)</math>  l) <math>(-3,6x - 9,7)(9,8s + 1,4)</math></p>
<b>2</b>	<p>Bitte berechnen Sie</p> <p>a) <math display="block">\frac{\frac{3}{2} * \frac{-9}{-5} * \frac{-6}{-7} * \frac{-4}{-7} * \frac{3}{10} * \frac{-5}{-9}}{\frac{-1}{-6} * \frac{1}{2} * \frac{2}{-9} * \frac{-8}{3} * \frac{-3}{-2} * \frac{9}{-7}}</math></p> <p>b) <math display="block">\frac{(\frac{8}{-3} + \frac{-4}{-5} + \frac{-9}{5}) * \frac{7}{4}}{(\frac{-1}{-3} - \frac{6}{-5} + \frac{-10}{-3}) * \frac{-9}{-7}}</math></p> <p>c) <math display="block">\frac{(\frac{7}{10} - \frac{-2}{-3} - \frac{1}{8}) * (\frac{-7}{6} + \frac{8}{3} + \frac{-1}{2})}{(\frac{-7}{-10} - \frac{6}{-7} - \frac{6}{7}) * (\frac{-3}{-2} - \frac{-6}{-5} + \frac{-6}{7})}</math></p> <p>d) <math display="block">\frac{(\frac{-7}{-10} + \frac{1}{4}) * \frac{1}{9}}{(\frac{-9}{-5} - \frac{-4}{-7}) * \frac{-9}{-2}}</math></p> <p>e) <math display="block">\frac{\frac{-5}{-6} * \frac{-7}{-9} * \frac{-1}{-2} * \frac{1}{6} * \frac{-1}{-8} * \frac{5}{-4}}{\frac{5}{3} * \frac{-5}{-4} * \frac{-5}{7} * \frac{-1}{-6} * \frac{-9}{4} * \frac{-7}{6}}</math></p>
<b>3</b>	<p>Bitte berechnen Sie</p> <p>a) <math display="block">\frac{-t-2}{-10y+7v} + \frac{-x-4}{5x+3y}</math></p> <p>b) <math display="block">\frac{-x-2u}{5n+4} - \frac{-10m-1}{7z+12}</math></p>