

Abgabe: 28.1.2011

Name:

1	<p>Bitte berechnen Sie</p> <p>a) $(9,9z + 4)(-9,9z - 6,7)(-6,3g - 7,3)$ b) $(6,2p + 2,7n)(-9,3n - 5,3)(-9,6n - 2,7)$ c) $(4,6c + 5,6)(-5,2c - 1)$ d) $(-4,1k + 6t)(-8y - 10)$</p>
2	<p>Bitte berechnen Sie</p> <p>a) $\frac{\left(-\frac{2}{5} - \frac{1}{10} + \frac{-3}{-10}\right) * \left(\frac{1}{-6} - \frac{-7}{6} - \frac{-9}{4}\right)}{\left(\frac{-1}{6} - \frac{7}{5} - \frac{-5}{9}\right) * \left(\frac{9}{-8} + \frac{4}{-9} - \frac{-3}{8}\right)}$</p> <p>b) $\frac{\frac{7}{6} * \frac{7}{6} * \frac{-1}{-6} * \frac{-9}{10} * \frac{1}{-8} * \frac{-1}{2}}{\frac{-5}{9} * \frac{7}{6} * \frac{-5}{-4} * \frac{6}{-7} * \frac{-3}{-5} * \frac{9}{-4}}$</p> <p>c) $\frac{\left(\frac{9}{-4} - \frac{-7}{2}\right) * \frac{-5}{-6}}{\left(-\frac{6}{7} + \frac{-3}{7}\right) * \frac{-3}{-2}}$</p>
3	<p>Bitte berechnen Sie</p> <p>a) $\frac{1,1z + 9,7}{-5,4z - 2,5} - \frac{8,4z - 7,7}{-2,2z - 9,6}$</p> <p>b) $\frac{8,6u - 4,8z}{-8,9z - 1,1} + \frac{7,5m - 6,1}{8,4m + 9,9u}$</p> <p>c) $\frac{7,7c + 3,4}{-8,2m - 1,9f} - \frac{-7,7d - 5}{-6,8i - 4,5w}$</p>
4	<p>Bitte kürzen Sie</p> <p>a) $\frac{4gs + 3g}{-gs + 2g}$</p> <p>b) $\frac{3wy + 3sy}{6ry + 15uy - 18fuy}$</p> <p>c) $\frac{-7awxz - 35wz}{7pwz + 7dw^2z - 21wz}$</p>