

Abgabe: 11.9.2009

Name:

1	<p>Bitte berechnen Sie</p> <p>a) $(11vy^2 - 1)^2$ b) $(-2j^2 - 5f)^2$ c) $(5b + 7bm^2)^2$ d) $(9eh^2 + 8h)^2$ e) $(-3r - 1)^2$</p>
2	<p>Bitte berechnen Sie</p> <p>a) $(-3g + 2)(-g + 10)$ b) $(12s^2 + 11r)(-5r^2 - 2r^2s^2)$ c) $(-11b^2k^2 - 4)(-5b^2k - 1)$ d) $(3y^2 - 1)(-9y + 7)(5y^2 + 6y)$ e) $(-x^2 + 12b^2w^2 - 8)(v^2 - 5s - 8ah^2)$ f) $(-8e^2s + 11c^2 + 8)(4g^2w^2 + g - 10)$</p>
3	<p>Bitte berechnen Sie</p> <p>a) $\frac{\left(-\frac{4}{9} + \frac{-3}{-8}\right) * \frac{5}{-9}}{\left(-\frac{1}{-8} + \frac{1}{-8}\right) * \frac{7}{6}}$</p> <p>b) $\frac{\frac{6}{7} * \frac{-7}{-10} * \frac{1}{-10} * \frac{8}{-7}}{\frac{7}{5} * \frac{-8}{3} * \frac{-1}{-10} * \frac{5}{-9}}$</p> <p>c) $\frac{\frac{-9}{-5} * \frac{1}{-9} * \frac{9}{2} * \frac{-9}{-4}}{\frac{3}{-2} * \frac{-7}{-8} * \frac{-5}{4} * \frac{-4}{3}}$</p> <p>d) $\frac{\left(-\frac{5}{9} - \frac{9}{5}\right) * \frac{-3}{-10}}{\left(-\frac{9}{-7} - \frac{-5}{-8}\right) * \frac{-1}{6}}$</p> <p>e) $\frac{\left(-\frac{3}{7} + \frac{7}{6}\right) * \frac{1}{2}}{\left(\frac{7}{4} - \frac{1}{-9}\right) * \frac{-9}{-2}}$</p>
4	<p>Bitte berechnen Sie</p> <p>a) $\frac{r+1}{11f-7} - \frac{-9r-2p}{4e-r}$</p> <p>b) $\frac{-3w+m}{-3f-11} + \frac{-6j-5}{e-6}$</p> <p>c) $\frac{b-4u}{11q+7} + \frac{-11z+8}{9c-11}$</p> <p>d) $\frac{5q-7}{e-2j} + \frac{9g-2w}{-9a-4}$</p>