

Abgabe: 21.1.2011

Name:

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