

Vorübungen zur Klassenarbeit (Wdh. Klasse 6 und 7)

1. $-7^2 =$ $-3^2 =$ $-1^2 =$
2. $(- 3)^2 =$ $(- 5)^2 =$ $(- 7)^2 =$
3. $2 \cdot 9^2 =$ $2 \cdot 6^2 =$ $2 \cdot 4^2 =$
4. $- 2 \cdot 7^2 =$ $- 2 \cdot 6^2 =$ $- 2 \cdot 5^2 =$
5. $(- 2 \cdot 9)^2 =$ $(- 2 \cdot 5)^2 =$
6. $- 2 \cdot 9^2 =$ $- 3 \cdot 8^2 =$ $- 1 \cdot 7^2 =$
7. $-\left(\frac{7}{2} + \left(-\frac{5}{2}\right)\right) =$ $-\left(\frac{15}{2} + \frac{5}{4}\right) =$
8. $-\frac{1}{2} \cdot \left(\frac{7}{3}\right)^2 =$ $-\frac{11}{6} \cdot \left(\frac{1}{2}\right)^2 =$
9. $\frac{27}{2} - \left(\frac{3}{2} + 6\right) =$ $\frac{14}{3} - \left(\frac{5}{6} + \frac{5}{2}\right) =$
10. $\frac{25}{2} - \frac{23}{4} - \frac{27}{5} =$ $\frac{15}{2} - \frac{13}{2} - \frac{3}{4} =$

Zusammenfassen gleichartiger Terme

11. $e+c+c-2c+3c+2e+c+3c =$
12. $-3d^3-ad^2-3d^3+4ad+4d-4d^3+3ad^2+d^3 =$
13. $-5c^2d^2-2cd^3-d^2-2cd^2+5c^2d^2+c^2d^2-cd^3-5d^2 =$
14. $-2d-3d^2e-de+3d^2e^3-4e-d+3d^2e+de =$
15. $d^3(2d + 4 + 4d^3 - d) =$
16. $c^2n^2(3 + cn) =$
17. $a^2c^2(-1 - 4a^2) =$
18. $f^3i^2(-6i^2 - 6fi^4 + 5f^3i^2 + f^3) =$