Wurzeln aus Summe Aufgaben

June 21, 2017

1. (a) $\sqrt{81r^2 + 90r + 25}$ (b) $\sqrt{4q^2 - 24q + 36}$

2. (a) $\sqrt{b^2 - 4bd + 4d^2}$ (b) $\sqrt{9b^2 - 36b + 36}$

3. (a) $\sqrt{16d^2 + 48d + 36}$ (b) $\sqrt{81x^2 - 36xy + 4y^2}$

4. (a) $\sqrt{16r^2 + 40r + 25}$ (b) $\sqrt{a^2 + 8aq + 16q^2}$

5. (a) $\sqrt{81r^2 - 18r + 1}$ (b) $\sqrt{36c^2 - 12cs + s^2}$

6. (a) $\sqrt{36c^2 - 12cy + y^2}$ (b) $\sqrt{36y^2 + 84y + 49}$

7. (a) $\sqrt{25r^2 - 10r + 1}$ (b) $\sqrt{a^2 - 6as + 9s^2}$

8. (a) $\sqrt{9a^2 + 24ay + 16y^2}$ (b) $\sqrt{9x^2 - 54xy + 81y^2}$

9. (a) $\sqrt{25q^2 - 70q + 49}$ (b) $\sqrt{16c^2 + 56cs + 49s^2}$

10. (a) $\sqrt{49a^2 + 28ax + 4x^2}$ (b) $\sqrt{81x^2 - 36x + 4}$

11. (a) $\sqrt{81q^2 + 18qr + r^2}$ (b) $\sqrt{36d^2 - 36d + 9}$

12. (a) $\sqrt{16z^2 + 56z + 49}$ (b) $\sqrt{16b^2 + 40bq + 25q^2}$

13. (a) $\sqrt{4r^2 - 16rt + 16t^2}$ (b) $\sqrt{4a^2 - 28ax + 49x^2}$

14. (a) $\sqrt{9b^2 - 36b + 36}$ (b) $\sqrt{9t^2 - 48t + 64}$