



Aufgabe A1

Berechne die Wurzeln.

- | | | |
|-----------------------|----------------------|-----------------------|
| a) $\sqrt{4}$ _____ | b) $\sqrt{1}$ _____ | |
| d) $\sqrt{9}$ _____ | e) $\sqrt{16}$ _____ | f) $\sqrt{36}$ _____ |
| g) $\sqrt{64}$ _____ | h) $\sqrt{25}$ _____ | i) $\sqrt{100}$ _____ |
| j) $\sqrt{144}$ _____ | k) $\sqrt{81}$ _____ | l) $\sqrt{121}$ _____ |

Aufgabe A2

Berechne die Wurzeln.

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|-------------------------|-----------------------|-----------------------|
| a) $\sqrt{169}$ _____ | b) $\sqrt{225}$ _____ | c) $\sqrt{400}$ _____ |
| d) $\sqrt{256}$ _____ | e) $\sqrt{324}$ _____ | f) $\sqrt{361}$ _____ |
| g) $\sqrt{289}$ _____ | h) $\sqrt{625}$ _____ | i) $\sqrt{441}$ _____ |
| j) $\sqrt{10000}$ _____ | k) $\sqrt{1}$ _____ | l) $\sqrt{900}$ _____ |

Aufgabe A3

Berechne die Wurzeln.

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|-------------------------|---------------------------|-------------------------|
| a) $\sqrt{1600}$ _____ | b) $\sqrt{3600}$ _____ | c) $\sqrt{6400}$ _____ |
| d) $\sqrt{2500}$ _____ | e) $\sqrt{1000000}$ _____ | f) $\sqrt{14400}$ _____ |
| g) $\sqrt{8100}$ _____ | h) $\sqrt{12100}$ _____ | i) $\sqrt{16900}$ _____ |
| j) $\sqrt{22500}$ _____ | k) $\sqrt{40000}$ _____ | l) $\sqrt{25600}$ _____ |

Aufgabe A4

Berechne die Wurzeln.

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|--------------------------|------------------------|--------------------------|
| a) $\sqrt{0,04}$ _____ | b) $\sqrt{0,01}$ _____ | c) $\sqrt{0,00}$ _____ |
| d) $\sqrt{0,09}$ _____ | e) $\sqrt{0,16}$ _____ | f) $\sqrt{0,36}$ _____ |
| g) $\sqrt{0,64}$ _____ | h) $\sqrt{0,25}$ _____ | i) $\sqrt{0,0001}$ _____ |
| j) $\sqrt{0,0144}$ _____ | k) $\sqrt{0,81}$ _____ | l) $\sqrt{0,0121}$ _____ |

Aufgabe A5

Berechne die Wurzeln.

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|--------------------------|--------------------------|--------------------------|
| a) $\sqrt{0,0169}$ _____ | b) $\sqrt{0,0225}$ _____ | c) $\sqrt{0,0004}$ _____ |
| d) $\sqrt{0,0256}$ _____ | e) $\sqrt{0,0324}$ _____ | f) $\sqrt{0,0361}$ _____ |
| g) $\sqrt{0,0289}$ _____ | h) $\sqrt{0,0625}$ _____ | i) $\sqrt{6,25}$ _____ |

Lösung A1

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|----------------------|--------------------|----------------------|
| a) $\sqrt{4} = 2$ | b) $\sqrt{1} = 1$ | |
| d) $\sqrt{9} = 3$ | e) $\sqrt{16} = 4$ | f) $\sqrt{36} = 6$ |
| g) $\sqrt{64} = 8$ | h) $\sqrt{25} = 5$ | i) $\sqrt{100} = 10$ |
| j) $\sqrt{144} = 12$ | k) $\sqrt{81} = 9$ | l) $\sqrt{121} = 11$ |

Lösung A2

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|-------------------------|----------------------|----------------------|
| a) $\sqrt{169} = 13$ | b) $\sqrt{225} = 15$ | c) $\sqrt{400} = 20$ |
| d) $\sqrt{256} = 16$ | e) $\sqrt{324} = 18$ | f) $\sqrt{361} = 19$ |
| g) $\sqrt{289} = 17$ | h) $\sqrt{625} = 25$ | i) $\sqrt{441} = 21$ |
| j) $\sqrt{10000} = 100$ | k) $\sqrt{1} = 1$ | l) $\sqrt{900} = 30$ |

Lösung A3

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|-------------------------|----------------------------|-------------------------|
| a) $\sqrt{1600} = 40$ | b) $\sqrt{3600} = 60$ | c) $\sqrt{6400} = 80$ |
| d) $\sqrt{2500} = 50$ | e) $\sqrt{1000000} = 1000$ | f) $\sqrt{14400} = 120$ |
| g) $\sqrt{8100} = 90$ | h) $\sqrt{12100} = 110$ | i) $\sqrt{16900} = 130$ |
| j) $\sqrt{22500} = 150$ | k) $\sqrt{40000} = 200$ | l) $\sqrt{25600} = 160$ |

Lösung A4

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|---------------------------|------------------------|---------------------------|
| a) $\sqrt{0,04} = 0,2$ | b) $\sqrt{0,01} = 0,1$ | c) $\sqrt{0,00} = 0$ |
| d) $\sqrt{0,09} = 0,3$ | e) $\sqrt{0,16} = 0,4$ | f) $\sqrt{0,36} = 0,6$ |
| g) $\sqrt{0,64} = 0,8$ | h) $\sqrt{0,25} = 0,5$ | i) $\sqrt{0,0001} = 0,01$ |
| j) $\sqrt{0,0144} = 0,12$ | k) $\sqrt{0,81} = 0,9$ | l) $\sqrt{0,0121} = 0,11$ |

Lösung A5

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|---------------------------|---------------------------|---------------------------|
| a) $\sqrt{0,0169} = 0,13$ | b) $\sqrt{0,0225} = 0,15$ | c) $\sqrt{0,0004} = 0,02$ |
| d) $\sqrt{0,0256} = 0,16$ | e) $\sqrt{0,0324} = 0,18$ | f) $\sqrt{0,0361} = 0,19$ |
| g) $\sqrt{0,0289} = 0,17$ | h) $\sqrt{0,0625} = 0,25$ | i) $\sqrt{6,25} = 2,5$ |