



1 Solution Letters

1.1 Inclusion

| | | |
|---------|-----|-----|
| Aufgabe | A-1 | A-2 |
| Lösung | B | A |
| Aufgabe | B-1 | B-2 |
| Lösung | A | C |
| Aufgabe | C-1 | C-2 |
| Lösung | B | A |

1.2 1st Grade

| | | | | |
|---------|-----|-----|-----|-----|
| Aufgabe | A-1 | A-2 | A-3 | A-4 |
| Lösung | B | D | C | E |
| Aufgabe | B-1 | B-2 | B-3 | B-4 |
| Lösung | C | B | A | C |
| Aufgabe | C-1 | C-2 | C-3 | C-4 |
| Lösung | C | D | B | D |

1.3 2nd Grade

| | | | | | |
|---------|-----|-----|-----|-----|-----|
| Aufgabe | A-1 | A-2 | A-3 | A-4 | A-4 |
| Lösung | C | A | E | A | C |
| Aufgabe | B-1 | B-2 | B-3 | B-4 | B-5 |
| Lösung | D | D | C | D | E |
| Aufgabe | C-1 | C-2 | C-3 | C-4 | C-5 |
| Lösung | B | E | D | B | E |

2 Authores

All tasks not listed separately: Heike Winkelvoß. They are available under the CC-BY-SA licence.

2.1 Klasse 1

[B-1] Heike Winkelvoß (based on an idea from Sonderhefte Mathematik der Leipziger Volkszeitung (1) 1976, S.7)

[C-4] Heike Winkelvoß (based on an idea from Kangaroo Competition Russia (2022), Klasse 2)

2.2 Klasse 2

[A-1] Heike Winkelvoß (based on an idea from Olympiades Matsnanje (2023), Kl. 1-2)

[B-1] Heike Winkelvoß (based on an idea from Kangaroo Competition Russia (2022), Klasse 2)

[C-1] Heike Winkelvoß (based on an idea from Olympiades Matsnanje (2023), Kl. 1-2)

[C-2] Heike Winkelvoß (based on an idea from Kangaroo Competition Russia (2022), Klasse 2)

3 Font BY WOK

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4 Image sources

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All images not mentioned were drawn with TikZ <https://tikz.dev/> oder Kolour Paint <https://apps.kde.org/kolourpaint/>.

4.1 Inklusion

A-2: 123RF

B-1: open clipart <https://openclipart.org/>

B-2: 123RF

C-2: 123RF

4.2 Klasse 1

A-2: 123RF

C-2: 123RF

4.3 Klasse 2

B-3: 123RF

C-3: 123RF

C-5: Dorothea Winkelvoß