**GHS-Kennzeichnung - Übungsblatt A**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | 1G |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | F |  |  |  |  |  |  |  |  |  |  |  |
|  | 2O |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  | 3R |
|  | X |  | 4K | O | M | P | R | I | M | I | 5E | R | T | E |  | G | A | S | E |
|  | I |  |  |  |  |  |  | G |  |  | N |  |  |  |  |  |  |  | I |
|  | D |  |  |  |  |  |  |  |  | 6Ä | T | Z | E | N | D |  |  |  | Z |
|  | I |  |  |  |  |  |  |  |  |  | Z |  |  |  |  |  |  |  | E |
|  | E |  |  |  |  |  |  |  |  |  | Ü |  |  |  |  |  |  |  | N |
| 7K | R | E | B | S | E | R | R | E | G | E | N | D |  |  |  |  |  |  | D |
|  | E |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |
|  | N |  |  |  |  |  |  | 8E | X | P | L | O | S | I | V |  |  |  |  |
|  | D |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |
|  | 9U | M | W | E | L | T | G | E | F | Ä | H | R | L | I | C | H |  |  |  |

Waagerecht:

4.  6.  7.  8.  9. 

Senkrecht:

 1.  2.  3.  5. 

**GHS-Kennzeichnung - Übungsblatt - Lösungserwartung A**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  | 1G |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | F |  |  |  |  |  |  |  |  |  |  |  |
|  | 2O |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  | 3R |
|  | X |  | 4K | O | M | P | R | I | M | I | 5E | R | T | E |   | G | A | S | E |
|  | I |  |  |  |  |  |  | G |  |  | N |  |  |  |  |  |  |  | I |
|  | D |  |  |  |  |  |  |  |  | 6Ä | T | Z | E | N | D |  |  |  | Z |
|  | I |  |  |  |  |  |  |  |  |  | Z |  |  |  |  |  |  |  | E |
|  | E |  |  |  |  |  |  |  |  |  | Ü |  |  |  |  |  |  |  | N |
| 7K | R | E | B | S | E | R | R | E | G | E | N | D |  |  |  |  |  |  | D |
|  | E |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |  |  |  |
|  | N |  |  |  |  |  |  | 8E | X | P | L | O | S | I | V |  |  |  |  |
|  | D |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |
|  | 9U | M | W | E | L | T | G | E | F | Ä | H | R | L | I | C | H |  |  |  |

Webseiten:

* Unterrichtsmaterial Physik / Chemie: [www.leichter-unterrichten.com](http://www.leichter-unterrichten.com)
* Verschiedenes aus dem Unterricht, digitales Unterrichten: [www.unterricht.ws](http://www.unterricht.ws)
* Zeichnen auf der Tafel usw.: [www.Tafelzeichnen.at](http://www.Tafelzeichnen.at)

**GHS-Kennzeichnung - Übungsblatt B**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1O |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 2K |  |  |  |  | I |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | O |  |  |  |  | E |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | M |  |  | 3Ä |  | R |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | P |  |  | T |  | E |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 4R | E | I | Z | E | N | D |  |  |  |  |
|  |  |  |  |  |  |  |  |  | I |  |  | E |  | D |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | M |  |  | N |  |  |  |  |  |  |  |
|  |  |  |  |  | 5G | I | F | T | I | G |  | D |  |  |  | 6E |  |  |  |
|  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  | X |  |  |  |
|  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  | P |  |  |  |
|  |  |  |  | 7U | M | W | E | L | T | G | E | F | Ä | H | R | L | I | C | H |
|  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  | O |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S |  |  |  |
| 8K | R | E | B | S | E | R | R | E | G | E | N | D |  |  |  | I |  |  |  |
|  |  |  |  |  |  |  |  |  | A |  |  |  |  |  |  | V |  |  |  |
|  |  |  |  |  |  |  |  |  | S |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 9E | N | T | Z | Ü | N | D | L | I | C | H |

Waagerecht:

4.  5.  7.  8.  9. 

Senkrecht:

 1.  2.  3.  6. 

**GHS-Kennzeichnung - Übungsblatt - Lösungserwartung B**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1O |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | D |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 2K |  |  |  |  | I |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | O |  |  |  |  | E |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | M |  |  | 3Ä |  | R |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | P |  |  | T |  | E |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 4R | E | I | Z | E | N | D |  |  |  |  |
|  |  |  |  |  |  |  |  |  | I |  |  | E |  | D |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | M |  |  | N |  |  |  |  |  |  |  |
|  |  |  |  |  | 5G | I | F | T | I | G |  | D |  |  |  | 6E |  |  |  |
|  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  | X |  |  |  |
|  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  | P |  |  |  |
|  |  |  |  | 7U | M | W | E | L | T | G | E | F | Ä | H | R | L | I | C | H |
|  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  | O |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S |  |  |  |
| 8K | R | E | B | S | E | R | R | E | G | E | N | D |  |  |  | I |  |  |  |
|  |  |  |  |  |  |  |  |  | A |  |  |  |  |  |  | V |  |  |  |
|  |  |  |  |  |  |  |  |  | S |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 9E | N | T | Z | Ü | N | D | L | I | C | H |

Webseiten:

* Unterrichtsmaterial Physik / Chemie: [www.leichter-unterrichten.com](http://www.leichter-unterrichten.com)
* Verschiedenes aus dem Unterricht, digitales Unterrichten: [www.unterricht.ws](http://www.unterricht.ws)
* Zeichnen auf der Tafel usw.: [www.Tafelzeichnen.at](http://www.Tafelzeichnen.at)

**GHS-Kennzeichnung - Übungsblatt C**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1K | R | E | B | S | E | R | R | E | G | E | N | D |  |  |
|  | O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2U | M | W | E | L | T | G | E | F | Ä | H | R | L | I | C | H |
|  | P |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | M |  |  |  | 3E | X | P | L | 4O | S | I | V |  |  |  |
|  | I |  |  |  |  |  |  |  | X |  |  |  |  |  |  |
|  | 5E | N | T | Z | Ü | N | D | L | I | C | H |  |  |  |  |
|  | R |  |  |  |  |  |  |  | D |  |  |  |  |  |  |
|  | T |  |  |  |  |  |  | 6G | I | F | T | I | G |  |  |
|  | E |  |  |  |  |  |  |  | E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  |
|  | G |  |  |  |  | 7Ä | T | Z | E | N | D |  |  |  |  |
|  | A |  |  |  |  |  |  |  | N |  |  |  |  |  |  |
|  | S |  | 8R | E | I | Z | E | N | D |  |  |  |  |  |  |
|  | E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Waagerecht:

1.  2.  3.  5.  6. 

7.  8. 

Senkrecht:

1.  4. 

**GHS-Kennzeichnung - Übungsblatt - Lösungserwartung C**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1K | R | E | B | S | E | R | R | E | G | E | N | D |  |  |
|  | O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2U | M | W | E | L | T | G | E | F | Ä | H | R | L | I | C | H |
|  | P |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | M |  |  |  | 3E | X | P | L | 4O | S | I | V |  |  |  |
|  | I |  |  |  |  |  |  |  | X |  |  |  |  |  |  |
|  | 5E | N | T | Z | Ü | N | D | L | I | C | H |  |  |  |  |
|  | R |  |  |  |  |  |  |  | D |  |  |  |  |  |  |
|  | T |  |  |  |  |  |  | 6G | I | F | T | I | G |  |  |
|  | E |  |  |  |  |  |  |  | E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | R |  |  |  |  |  |  |
|  | G |  |  |  |  | 7Ä | T | Z | E | N | D |  |  |  |  |
|  | A |  |  |  |  |  |  |  | N |  |  |  |  |  |  |
|  | S |  | 8R | E | I | Z | E | N | D |  |  |  |  |  |  |
|  | E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Webseiten:

* Unterrichtsmaterial Physik / Chemie: [www.leichter-unterrichten.com](http://www.leichter-unterrichten.com)
* Verschiedenes aus dem Unterricht, digitales Unterrichten: [www.unterricht.ws](http://www.unterricht.ws)
* Zeichnen auf der Tafel usw.: [www.Tafelzeichnen.at](http://www.Tafelzeichnen.at)

**GHS-Kennzeichnung - Übungsblatt D**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | P |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2K |
|  | L |  |  |  |  | 3U |  |  |  |  |  |  |  |  |  | R |
| 4K | O | M | P | R | I | M | I | E | R | T | E |  | G | A | S | E |
|  | S |  |  |  |  | W |  |  |  |  |  |  |  |  |  | B |
|  | I |  |  |  | 5R | E | I | Z | E | N | D |  |  |  |  | S |
|  | V |  |  |  |  | L |  |  |  |  |  |  |  |  |  | E |
|  |  |  |  | 6E | N | T | Z | Ü | N | D | L | I | C | H |  | R |
|  |  |  |  |  |  | G |  |  |  |  |  |  |  |  |  | R |
|  |  |  | 7Ä | T | Z | E | N | D |  |  |  |  |  |  |  | E |
|  |  |  |  |  |  | F |  |  |  |  |  |  |  |  |  | G |
|  |  |  |  |  |  | Ä |  |  |  |  |  |  |  |  |  | E |
|  |  |  |  |  |  | H |  |  |  |  |  |  |  |  |  | N |
| 8O | X | I | D | I | E | R | E | N | D |  |  |  |  |  |  | D |
|  |  |  |  |  |  | L |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 9G | I | F | T | I | G |  |  |  |  |  |  |
|  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | H |  |  |  |  |  |  |  |  |  |  |

Waagerecht:

4.  5.  6.  7. 

8.  9. 

Senkrecht:

1.  2.  3. 

**GHS-Kennzeichnung - Übungsblatt - Lösungserwartung D**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | P |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2K |
|  | L |  |  |  |  | 3U |  |  |  |  |  |  |  |  |  | R |
| 4K | O | M | P | R | I | M | I | E | R | T | E |  | G | A | S | E |
|  | S |  |  |  |  | W |  |  |  |  |  |  |  |  |  | B |
|  | I |  |  |  | 5R | E | I | Z | E | N | D |  |  |  |  | S |
|  | V |  |  |  |  | L |  |  |  |  |  |  |  |  |  | E |
|  |  |  |  | 6E | N | T | Z | Ü | N | D | L | I | C | H |  | R |
|  |  |  |  |  |  | G |  |  |  |  |  |  |  |  |  | R |
|  |  |  | 7Ä | T | Z | E | N | D |  |  |  |  |  |  |  | E |
|  |  |  |  |  |  | F |  |  |  |  |  |  |  |  |  | G |
|  |  |  |  |  |  | Ä |  |  |  |  |  |  |  |  |  | E |
|  |  |  |  |  |  | H |  |  |  |  |  |  |  |  |  | N |
| 8O | X | I | D | I | E | R | E | N | D |  |  |  |  |  |  | D |
|  |  |  |  |  |  | L |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 9G | I | F | T | I | G |  |  |  |  |  |  |
|  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | H |  |  |  |  |  |  |  |  |  |  |

Webseiten:

* Unterrichtsmaterial Physik / Chemie: [www.leichter-unterrichten.com](http://www.leichter-unterrichten.com)
* Verschiedenes aus dem Unterricht, digitales Unterrichten: [www.unterricht.ws](http://www.unterricht.ws)
* Zeichnen auf der Tafel usw.: [www.Tafelzeichnen.at](http://www.Tafelzeichnen.at)