# Lernkontrolle 1 / 4. Schuljahr / Aufgabenangebot

# Thema: Überblick und Wiederholung

# Kontrollaufgaben ZB 4: S. 8 - 21

# UNBEDINGT AUFGABENAUSWAHL TREFFEN

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| **1.** | **Arithmetik: Addieren und subtrahieren** | **S. 8** | **O/B** |

Addiere wie im Beispiel immer 230, subtrahiere immer 230. Mache dies auch mit 450 und 625

670 + 230 =\_\_\_\_\_\_\_ 450 + \_\_\_\_\_ = \_\_\_\_\_\_ 625 + \_\_\_\_\_ = \_\_\_\_\_

670 - 230 =\_\_\_\_\_\_\_ 450 - \_\_\_\_\_ = \_\_\_\_\_\_\_ 625 - \_\_\_\_\_ = \_\_\_\_\_

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| **2.** | **Arithmetik: Die Hälfte und das Doppelte** | **S. 8** | **O/B** |

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| Zahl | 120 | 230 | 285 | 342 | 422 | 499 |
| Das Doppelte |  |  |  |  |  |  |

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| Zahl | 120 | 150 | 250 | 270 | 840 | 952 |
| Die Hälfte |  |  |  |  |  |  |

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| **3.** | **Arithmetik: Zahlenmauern erfinden** | **S. 8 / 9** | **O/B** |

Fülle die Zahlenmauern aus.

555

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| **4.** | **Arithmetik: Zahlenmauern erfinden** | **S. 8 / 9** | **O/B** |

Fülle die Zahlenmauern aus.

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182

72

165

388

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| **5.** | **Arithmetik: Zahlenmauern erfinden** | **S. 8 / 9** | **Alle HA** |

Ordne die Basissteine 25, 45 und 35 so ein, dass der kleinste und der grösste Deckstein entsteht. Beschreibe deine Überlegungen, warum du die Steine so angeordnet hast.

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| **6.** | **Sachrechnen: Abfahrts- und Fahrzeit** | **S. 10 / 11** | **M/D** |

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| **Abfahrt** | **Ankunft** | **Fahrzeit** |
| SwissRailwayClock-1p3f  \_\_\_\_:\_\_\_\_ in Bern | **08:12**  in Spiez | \_\_\_\_\_\_\_\_ min |

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| **7.** | **Sachrechnen: Abfahrts- und Fahrzeit** | **S. 10 / 11** | **M/D** |

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| **Abfahrt** | **Ankunft** | **Fahrzeit** |
| 18:36  in Spiez | **\_\_\_\_\_\_\_**  in Aeschi bei Spiez | 18 min |

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| **8.** | **Arithmetik: Malkreuz** | **S. 12 / 13** | **O/B** |

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| 14 18 = \_\_\_\_\_\_\_\_ | | | |  | 14 36 = \_\_\_\_\_\_\_\_ | | | | |
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| **9.** | **Arithmetik: Multiplikation** | **S. 12 / 13** | **M/D** |

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Bilde aus den Ziffern zwei zweistellige Zahlen und multipliziere.

Findest du das grösste und das kleinste Ergebnis?

Wie bist du vorgegangen? Was hast du dir überlegt? Beschreibe kurz.

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| **10.** | **Arithmetik: Zahlenfolgen** | **S. 15** | **M/D** |

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| 3, 6, 12, 24, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_. | Regel: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 16, 21, 26, 31, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_. | Regel: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 50, 5, 45, 10, 40, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_ | Regel: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **11.** | **Arithmetik: Zahlenfolgen** | **S. 15** | **M/D** |

Setze die Zahlenfolgen fort. Welche Regel passt zu welcher Zahlenfolge?

1. 30, 60, 90, \_\_\_\_, \_\_\_\_, \_\_\_\_. Regel 1: Immer das Doppelte
2. 450, 410, 370, \_\_\_\_, \_\_\_\_, \_\_\_\_. Regel 2: 6er- Reihe abwechselnd rück- und vorwärts
3. 60, 6, 54, 12, 48, \_\_\_\_, \_\_\_\_, \_\_\_\_. Regel 3: Immer die nächste Quadratzahl
4. 6, 12, 24, 48, \_\_\_\_ , \_\_\_\_ , \_\_\_\_. Regel 4: subtrahiere immer 40
5. 1, 4, 9, 16, \_\_\_\_, \_\_\_\_, \_\_\_\_ Regel 5: Immer +30

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| **12.** | **Arithmetik: Zahlenfolgen** | **S. 15** | **M/D** |

Schreibe zu den Regeln eine passende Zahlenfolge.

Regel 1: Immer das Doppelte.

\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_.

Regel 2: Immer +6 und dann -3

\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_.

Regel 3: 3er Reihe abwechselnd vorwärts und rückwärts.

\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_.

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| **13.** | **Sachrechnen: Rechenbaum** | **S. 16/17** | **M/D** |

Der Museumseintritt kostet pro Kind drei Franken.

Die Lehrerin löst für ihre 4.Klasse 23 Eintritte.

1. Berechne die Ergebnisse.
2. Welcher Rechenbaum passt zur Situation? Kreuze an.

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| 23  4 | 23  3 | 3  23 |

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| **14.** | **Sachrechnen: Rechenbaum** | **S. 16/17** | **M/D** |

Zeichne den passenden Rechenbaum zu den folgenden zwei Aufgaben.

1. 4 Freunde gehen zusammen Ski fahren. Der Skitag kostet für alle zusammen 360 Franken. Wie viel muss jeder bezahlen?
2. Eine 4-köpfige Familie fährt auf den Niesen. Ein ganzes Billet kostet 25 Franken. Die Eltern lösen je ein ganzes Billet, die Kinder benötigen je ein halbes Billet.

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| **15.** | **Sachrechnen: Sachsituationen** | **S. 16 / 17** | **M/D** |

Schreibe eine passende Sachsituation zum Rechenbaum.

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8 Fr.

50 Fr.

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| **16.** | **Sachrechnen: Sachsituationen** | **S. 21** | **M/D** |



Du möchtest den Boden von deinem Zimmer mit Platten auslegen.

Die Platten sind 50cm lang und 50cm breit (quadratisch).

Zudem brauchst du noch neue Fussholzleisten (Bild).

Wie viele Platten und Fussholzleisten musst du einkaufen?

Zeichne/ skizziere dein Zimmer.

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| **17.** | **Sachrechnen: Längenmasse** | **S. 21** | **M/D** |



Schätze:

In deinem Schulzimmer werden entlang aller

vier Wände Fussleisten verlegt.

Wie viele Meter braucht es?

Beschreibe und skizziere deine Überlegungen.

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