# Lernkontrolle 4 / 4. Schuljahr / Aufgabenangebot

# Thema: Multiplikation, Sachrechnen, Geometrie,

# Kontrollaufgaben ZB 4: S. 59 - 77

# UNBEDINGT AUFGABENAUSWAHL TREFFEN

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| **1.** | **Arithmetik: Multiplikation** | **S. 59** | **M/D** |

Rechne auf deinem eigenen Weg

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| **2.** | **Arithmetik: Multiplikation** | **S. 59** | **M/D** |

Wie viele Stunden hat ein Monat. Berechne und schreibe deine Rechnung auf.

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| **3.** | **Arithmetik: Multiplikation** | **S. 59** | **M/D** |

Rechne und prüfe mit gerundeten Zahlen. Beschreibe, was dir bei den Resultaten auffällt.

Versuche zu begründen.

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| **4.** | **Arithmetik: Multiplikation** | **S. 59** | **M/D** |

Bilde aus den vier Ziffern **3, 5, 7 und 9** zwei zweistellige Zahlen und multipliziere sie.

Suche das kleinste und das grösste Ergebnis. Beschreibe deine Überlegungen.

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| **5.** | **Arithmetik: Multiplikation** | **S. 59** | **M/D** |

Bilde aus den vier Ziffern **2, 4, 5, 7** zwei zweistellige Zahlen und multipliziere sie.

Suche ein Ergebnis, das kleiner ist als 2000. Findest du mehrere?

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| **6.** | **Sachrechnen: Schulwege** | **S. 63** | **M/D** |

Die Kinder haben ihre Schulwege gemessen.

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| **Regula** | **Claudine** | **Yves** | **Rahel** | **Nicole** | **Andrea** |
| 535 m | 805 m | 345 m | 725 m | 215 m | 1 230 m |

Bestimme den kürzesten und den längsten Weg und berechne den Unterschied.   
Schreibe deine Rechnung auf.

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| **7.** | **Sachrechnen: Schulwege** | **S. 63** | **M/D** |

Die Kinder haben ihre Schulwege gemessen.

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| **Regula** | **Claudine** | **Yves** | **Rahel** | **Nicole** | **Andrea** |
| 535 m | 805 m | 345 m | 725 m | 215 m | 1230 m |

Wähle zwei Kinder aus. Berechne die Mitte der beiden Schulwege.

Beispiel: Nicole: 215m und Yves: 345m 🡪 die Mitte: 280m

Mache 2 weitere Beispiele.

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| **8.** | **Sachrechnen: Schulwege** | **S. 63** | **M/D** |

Die Kinder haben ihre Schulwege gemessen und die Zeit festgehalten.

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| **Regula** | **Claudine** | **Yves** | **Rahel** | **Nicole** | **Andrea** |
| 535 m | 805 m | 345 m | 725 m | 215 m | 1 230 m |
| 8 min | 18 min | 13 min | 16 min | 5 min | 21 min |

1. Wie viele Kilometer und Meter legt Rahel in einer Woche zurück?
2. Wie viele h und min ist Rahel in einer Woche auf dem Schulweg unterwegs?

Schreibe deine Überlegungen und Rechnungen auf.

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| **9.** | **Sachrechnen: Einzelpreis - Gesamtpreis** | **S. 64 / 65** | **M/D** |

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| Ergänze die Preistabelle.   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 1000g | 750g | 625g | 500g | 400g | 375g | 300g | 100g | 50g | 25g | | 22.- |  |  |  |  |  |  |  |  |  | |

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| **10.** | **Sachrechnen: Einzelpreis - Gesamtpreis** | **S. 64 / 65** | **M/D** |

Ergänze die Preistabelle.

**Bergkäse**

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| **Gewicht** | 100 g | 200g | 400g | 800 g | 1 kg |
| **Preis** |  | 5.60 Fr. |  |  |  |

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| **11.** | **Sachrechnen: Einzelpreis - Gesamtpreis** | **S. 64 / 65** | **M/D** |

Ergänze die Preistabelle.

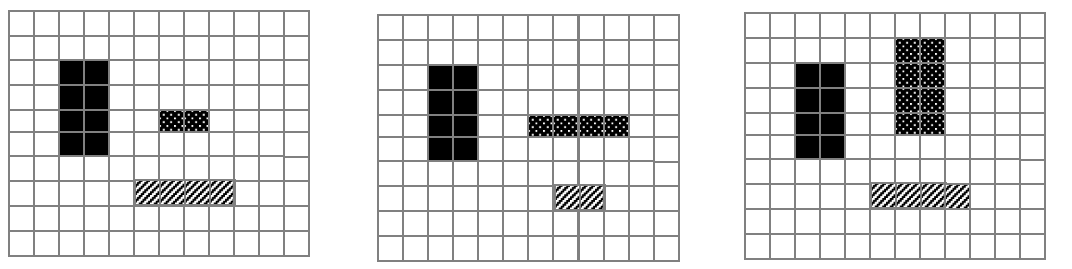
**Holländischer Gouda**

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| **Gewicht** | 25 g | 100g | 425g | 675 g | 1 kg |
| **Preis** |  | 2 Fr. |  |  |  |

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| **12.** | **Geometrie: Grundrisse und Seitenansichten** | **S. 66 / 67** | **M/D** |

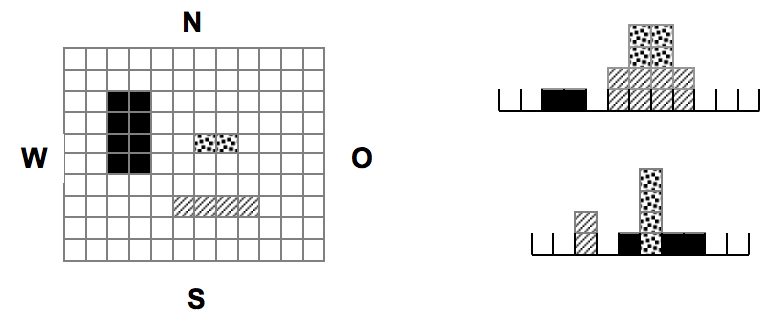
Markiere auf jedem Plan das höchste Gebäude.

a. b. c.

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| **13.** | **Geometrie: Seitenansichten** | **S. 66 / 67** | **M/D** |

Aus welcher Richtung siehst du diese zwei Seitenansichten?



von \_\_\_\_\_\_\_\_\_\_\_

von \_\_\_\_\_\_\_\_\_\_\_

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| **14.** | **Geometrie: Seitenansichten** | **S. 66 / 67** | **M/D** |

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| Zeichne die zwei Seitenansichten von Süden und von Osten.  Von Norden:   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |
| Von Osten:   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |  |  | |

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| **15.** | **Sachrechnen: Im Einkaufszentrum** | **S. 70** | **M/D** |



1. Wie viel kostet jeweils 1kg der beiden Früchte? …………………………………………………
2. Wie viel bezahlst du, wenn du diese zwei Früchte einkaufst? …………………………………………………
3. Wann hast du diesen Einkauf gemacht? (Tag, Monat und Jahr) …………………………………………………

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| **16.** | **Sachrechnen: Im Einkaufszentrum** | **S. 71** | **M/D** |



–.60 Fr. –.90 Fr. 1.25 Fr. 1.80 Fr.

Vergleiche bei zwei die Angebote .Was fällt dir auf? Begründe deine Feststellungen.

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| **17.** | **Geometrie: Vergrössern und verkleinern** | **S. 72 / 73** | **M/D** |

Vergrössere das Wort im

Massstab 2:1.

Das Wort wird zweimal so gross

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| **18.** | **Geometrie: Vergrössern und verkleinern** | **S. 72 / 73** |  |



Das Modellauto ist im Massstab 1:50 verkleinert.

Es ist 7 cm lang und 4 cm breit.

Wie lang und breit ist das Auto in Wirklichkeit?

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| **19.** | **Sachrechnen: Preislisten erstellen** | **S. 74** | **M/D** |



1. Schreibe eine Preisliste für Biberli. (1- 10 Stück)
2. Du hast 20.- im Portemonnaie. Du bist mit 3 Kollegen/ Kolleginnen am Schlittschuhlaufen.   
   Kaufe für alle ein Getränk und ein Gebäck.

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| **20.** | **Sachrechnen: Überlegen und ausprobieren** | **S. 75** | **M/D** |

Im Zoo werden in einem Gehege 16 Tiere gezählt. Es sind Pelikane und Ziegen.

Zusammen haben sie 58 Beine. Wie viele Pelikane und wie viele Ziegen sind es?

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| **21.** | **Sachrechnen: Tageslängen** | **S. 76 / 77** | **M/D** |

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| Berechne die Tageslängen in Stunden (h) und Minuten (min).   |  |  |  |  | | --- | --- | --- | --- | | **Datum** | **Sonnenaufgang** | **Sonnenuntergang** | **Tageslänge** | | 21. März | 06.27 Uhr | 18.40 Uhr |  | | 21. Dezember | 08.11 Uhr | 16.37 Uhr |  | | 21. Juni | 05.28 Uhr | 21.27 Uhr |  |   Schreibe oder zeichne deine Überlegungen auf. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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