# Lernkontrolle 5 / 4. Schuljahr / Aufgabenangebot

# Thema: Sachrechnen, Geometrie, schriftliche Division

# Kontrollaufgaben ZB 4: S. 78 - 87

# UNBEDINGT AUFGABENAUSWAHL TREFFEN

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| **1.** | **Geometrie: Geodreieck** | **S. 78 / 79** | **M/D** |

Zeichne diese Figur mit dem Geodreieck ab.

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| **2.** | **Geometrie: Zirkel** | **S. 78 / 79** | **M/D** |

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Zeichne dieses Muster ab. Der erste Kreis ist schon gezeichnet.



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| **3.** | **Geometrie: Zeichenuhr** | **S. 80** | **M/D** |

Teile die Zeichenuhr in gleiche Abschnitte und verbinde die Punkte.

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| Bild 1 | Bild 1 |
| In vier gleiche Abschnitte. | In fünf gleiche Abschnitte. |
| Ungefährer Umfang des Vielecks: \_\_\_\_\_\_ cm. | Ungefährer Umfang des Fünfecks: \_\_\_\_\_\_ cm. |

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| **4.** | **Geometrie: Zeichenuhr** | **S. 80** | **M/D** |

Teile die Zeichenuhr in gleiche Abschnitte und verbinde die Punkte.

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| Bild 1 | Bild 1 |
| In vier gleiche Abschnitte. | In sechs gleiche Abschnitte. |
| Ungefährer Umfang des Quadrats: \_\_\_\_\_\_ cm. | Ungefährer Umfang des Sechsecks: \_\_\_\_\_\_ cm. |

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| Bild 1 | Bild 1 |
| In drei gleiche Abschnitte. | In acht gleiche Abschnitte. |
| Ungefährer Umfang des Dreiecks: \_\_\_\_\_\_ cm. | Ungefährer Umfang des Achtecks: \_\_\_\_\_\_ cm. |

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| Bild 1 | Bild 1 |
| In fünf gleiche Abschnitte. | In zehn gleiche Abschnitte. |
| Ungefährer Umfang des Fünfecks: \_\_\_\_\_\_ cm. | Ungefährer Umfang des Zehnecks: \_\_\_\_\_\_ cm. |

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| **5.** | **Sachrechnen: Fütterung der Tiere** | **S. 85** | **M/D** |

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| wolf7 Wölfe fressen jeden Monat 210 kg Fleisch.Wie viele kg frisst ein Wolf in einem Monat? Welche Rechnung passt?  |
| Kreuze sie an.  |  |  | 210 kg • 7 |  | 210 kg **:** 12 |
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|  |  |  | 210 kg : 7  |  | 210 kg : 30  |

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| **6.** | **Sachrechnen: Fütterung der Tiere** | **S. 85** | **M/D** |

7 Wölfe fressen jeden Monat 210 kg Fleisch.

Wie viele kg frisst ein Wolf in einem Monat?

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| **7.** | **Sachrechnen: Fütterung der Tiere** | **S. 85** | **M/D** |

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| 6 Elefanten fressen jeden Monat 21t 600kg. Welches Ergebnis passt zur Aufgabe? Kreuze es an. Schreibe deine Überlegungen / Rechnungen auf. |
| **a.** | Wie viele kg fressen die 6 Elefanten in einem Jahr? | 259 200 kg |  | 7 884 000 kg |  | 1 800 kg |

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| **b.** | Wie viele kg frisst ein Elefant in einem Tag? | 360 kg |  | 720 kg |  | 120 kg |

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| **8.** | **Sachrechnen: Fütterung der Tiere** | **S. 85** | **M/D** |



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| 6 Elefanten fressen jeden Monat 21t 600kg. |

1. Wie viele kg fressen die 6 Elefanten in einem Jahr?
2. Wie viele kg frisst ein Elefant an einem Tag?

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| **9.** | **Sachrechnen: Sachsituationen** |  | **M/D** |

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| Platten gibt es in unterschiedlichen Grössen. Wie viele Platten der verschiedenen Grössen passen jeweils in ein Meterquadrat? Ergänze die Tabelle.  |
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|––––––––––––––––100 cm ––––––––––––––––| | Grösse A | 4 Stück |
| Grösse B |  |
| Grösse C |  |
| Grösse D |  |
| Grösse E |  |

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| **10.** | **Sachrechnen: Sachsituationen** |  | **M/D** |

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| Platten gibt es in unterschiedlichen Grössen. Wie viele Platten der verschiedenen Grössen passen jeweils in ein Meterquadrat? 1. Ergänze die Tabelle.
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 | Grösse A | 4 Stück |
| Grösse B |  |
| Grösse C |  |
| Grösse D |  |
| Grösse E |  |

1. Wenn du den Boden deines Klassenzimmers mit neuen Platten belegen willst, wie viele Platten musst du einkaufen? Wähle eine Plattengrösse und erkläre rechnerisch und / oder mit Skizzen, was du dir überlegt und was du berechnet hast.

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| **11.** | **Arithmetik: Sachsituationen zur Division** | **S. 72 / 73** | **O/B & M/D** |

Eine Familie nimmt auf eine Wanderung 6l Wasser mit. Sie trinken pro Stunde 1,2l Wasser (12dl). Für wie lange reicht das Wasser?

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| **12.** | **Arithmetik: Sachsituationen zur Division** | **S. 72 / 73** | **O/B & M/D** |

2400 Filzstifte werden abgepackt. Immer 8 Stück werden zusammen in eine Hülle gelegt.
Wie viele Hüllen werden benötigt?

Schreibe deine Überlegungen und Rechnungen auf.

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| **13.** | **Arithmetik: Sachsituationen zur Division** | **S. 72 / 73** | **O/B & M/D** |

Bei der Gondelbahn auf die Marbachegg sind 62 Gondeln in Betrieb. Alle Gondeln sind mit je 4 Personen belegt. Wie viele Personen sind unterwegs?

Schreibe deine Überlegungen und Rechnungen auf.

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