Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Nachbarn auf dem 20er-Feld (A)

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| **1.** | Findet geschickt alle Nachbarn auf dem 20er-Feld und berechnet ihre Summen!   1. Es gibt Summen von **horizontalen Nachbarn**: z.B.: 1 + 2 = 3 **(deine Aufgaben!)** 2. Es gibt Summen von **vertikalen Nachbarn:** z.B.: 6 + 16 = 22 **(die Aufgaben deines Partners!)** | | | | | | | | | |
| horizontale Nachbarn | | |  |  | vertikale Nachbarn | | |  |  |  |
| 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

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| **2.** | Schreibe alle Aufgaben und die Summen auf!   1. Fällt dir etwas auf? Markiere mit Forschermitteln. 2. Hast du alle gefunden? | | | | | | | | | | | | | | | | |
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Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Nachbarn auf dem 20er-Feld (B)

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| **1.** | Findet geschickt alle Nachbarn auf dem 20er-Feld und berechnet ihre Summen!   1. Es gibt Summen von **horizontalen Nachbarn**: z.B.: 1 + 2 = 3 **(die Aufgaben deines Partners!)** 2. Es gibt Summen von **vertikalen Nachbarn:** z.B.: 6 + 16 = 22 **(deine Aufgaben!)** | | | | | | | | | |
| horizontale Nachbarn | | |  |  | vertikale Nachbarn | | |  |  |  |
| 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

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| **2.** | Schreibe alle Aufgaben und die Summen auf!   1. Fällt dir etwas auf? Markiere mit Forschermitteln. 2. Hast du alle gefunden? | | | | | | | | | | | | | | | | |
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Namen: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Nachbarn auf dem 20er-Feld (Team)

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| **1.** | Erklärt   1. wie ihr alle Nachbarn auf dem Feld gefunden habt, 2. was euch aufgefallen ist!   Nutzt Forschermittel zur Erklärung! Nutzt auch die Rollenkarten und beachtet die Regeln für Partnergespräche! | | | | | | | | | |
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| **2.** | Wiederholt danach mit euren Worten, was eurem Partner aufgefallen ist! Könnt ihr sicher sein, dass ihr gemeinsam alle Nachbarn auf dem Feld gefunden habt? **Begründet gemeinsam!** | | | | | | | | | |
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Namen: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Nachbarn auf dem 20er-Feld (Team)

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| **3.** | Was fällt euch auf, wenn ihr die Summen von diagonalen Nachbarn berechnet? **Sucht und rechnet gemeinsam!** | | | | | | | | | |
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| diagonal | | | |  | diagonal | | |  |  |  |
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| 11 | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

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