Protokollabschnitt 1:

**Zunahme und Abnahme:**

­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ die Temperatur um 10°C zu, so spricht man von einer

Temperaturänderung um \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Zunahmen werden mit \_\_\_\_\_\_\_\_\_\_\_ Zahlen



beschrieben.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_die Temperatur um 6°C ab, so spricht man von einer Temperaturänderung

um \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Abnahmen werden mit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Zahlen

beschrieben.

Nenne weitere Beispiele aus dem Alltag, an denen man eine Zunahme und eine Abnahme erkennen kann:

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Protokollabschnitt 2:

**Zunahme auf der Zahlengerade:**

Die Zunahme um 6 entspricht einer Änderung um \_\_\_\_\_\_\_\_\_\_\_\_:

Gehe \_\_\_\_\_\_\_\_ Schritte nach \_\_\_\_\_\_\_\_\_\_\_\_\_.



Protokollabschnitt 3:
**Abnahme auf der Zahlengerade:**

Die Abnahme um 4 entspricht einer Änderung um \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_:

Gehe \_\_\_\_\_\_\_\_\_\_\_ Schritte nach \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



Protokollabschnitt 4:

**Übungen Zunahme und Abnahme:**

**Level:**

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Protokollabschnitt 5:

**Mit Zunahme und Abnahme rechnen:**

**Level:**

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Protokollabschnitt 6:

**Übungen Zunahme und Abnahme:**

**Level:**

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Protokollabschnitt 7:

**Vorzeichen und Rechenzeichen:**

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Treffen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ und \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ aufeinander, so wird immer

eine \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gesetzt.

Das Vorzeichen gibt an, ob die Zahl \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ oder \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ist.

Das Rechenzeichen gibt an, ob ich die Zahlen \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_oder

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_muss.

Die Klammern werden dabei so gesetzt, dass ersichtlich wird, welches Vorzeichen zu welcher Zahl gehört.

Protokollabschnitt 8:

**Rationale Zahlen addieren:**

Addiert man zu einer Zahl eine positive Zahl, bewegt man sich auf dem Zahlenstrahl

nach \_\_\_\_\_\_\_\_\_\_\_\_\_.



Bsp.:

Addiert man zu einer Zahl eine negative Zahl, bewegt man sich auf dem Zahlenstrahl

nach \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.



Bsp.:

****Protokollabschnitt 9:

**Übungen rationale Zahlen addieren:**

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