Arbeitsblatt für Gefäße von 400ml bis 600ml

Gieße nach und nach je 50 ml Wasser in das Gefäß (insgesamt 350 ml Wasser).

Auf dem Arbeitsblatt:

1. Skizziere das Gefäß
2. Überlege dir wie der Graph aussieht, der die Höhe des Wassers in Abhängigkeit des Volumens des Wassers für dein Gefäß zeigt.
3. Notiere jedes Mal nachdem du 50ml Wasser in das Gefäß gegeben hast, die Höhe des Wassers in der Tabelle.

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| **Skizziere das Gefäß** | **Was glaubst du, wie sieht der Graph aus?**  Volumen des Wassers  Höhe des Wassers |
| **Beschreibe den Graphen, den du erhalten hast** | |
| **Vergleiche die Skizze des Graphen mit dem resultierenden Graphen** | |

1. Übertrage die Daten aus der Tabelle in einen Graphen.
2. Beschreibe den entstandenen Graphen und vergleiche ihn mit deiner Vermutung aus Punkt 2*.*

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| **Tabelle**   |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Volumen (ml) |  |  |  |  |  |  |  |  |  |  |  |  | | Höhe (cm) |  |  |  |  |  |  |  |  |  |  |  |  | |

**Zeichne mit Hilfe der Daten aus der Tabelle einen passenden Graphen:**

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