✓ **Herzlichen Glückwunsch! Sie haben bestanden!**

ZUM BESTEHEN 75 % oder höher

[Lernen Sie weiter]

BEWERTUNG

100 %

Practice quiz on Types of Functions

GESAMTPUNKTZAHL 6

1. Suppose that $A = \{1, 2, 10\}$ and $B = \{4, 8, 40\}$. Which of the following formulae do **not** define a function $f : A \rightarrow B$?

   1 / 1 Punkten

   ○ $f(1) = 4$, $f(2) = 4$, and $f(10) = 4$.

   ○ $f(a) = 4a$, for each $a \in A$

   ⦿ $f(1) = 5$, $f(2) = 8$, and $f(10) = 40$.

   ○ $f(1) = 4$, $f(2) = 40$, and $f(10) = 8$.

   ✓ **Richtig**

   A function $f : A \rightarrow B$ is a rule which assigns an element $f(a) \in B$ to each $a \in A$. In this case, unfortunately, $f(1) = 5 \notin B$.

2. Suppose that A contains every person in the VBS study (see the second video in the course if you're

   1 / 1 Punkten