

```
\xdef\CheckableItem{\vinkdir-\Vinkbase}
%SSSSSSSSSSSSSS - Begin CHECKABLE ITEM: Gvn I-O Rule, gvn $pm$ Sml inpt, Sgn-Size outpt =?
\ifthenelse{\boolean{Quiz?}}{%
{%begin Quiz? true
%ssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssss - Begin QUIZ
- sssss
\UseProblem{\CheckableItem-q}%
    {%
Given the function $HUT$ whose global input-output rule is
\begin{displaymath}
x \mapsto HUT(x) = -103.28x^{+8}
\end{displaymath}
and given inputs that are $+small$, what is the \emph{sign-size} of the outputs.
    }%
        $+large$\hspace{10mm}
        }%
        $-large$\hspace{10mm}
        }%
        $+small$\hspace{10mm}
        }%
        $-small$\\
    }%
d%
}%
QUIZdiscussion%
}%
% sssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssss - End QUIZ
- sssss
}%end Quiz? true
{%begin Quiz false
\ifthenelse{\boolean{Homework?}}{%
{%begin Homework? true
%ssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssss - Begin HOMEWORK
- sssss
\UseProblem{\CheckableItem-h}%
    {%
Given the function $f$ specified by the global input-output rule
\begin{displaymath}
x \mapsto f(x) = (+45.94)x^{+7}
\end{displaymath}
```