Enrichment Activity

Switching Places

Your Challenge

1. Choose any two digits from 1 to 9. Replace $A$ with one digit, and replace $B$ with the other digit in each equation below and solve. What do you notice? Use pictures and words to explain what is happening on the Recording Sheet.

\[
\frac{1}{A} \div B = \underline{\text{____}}
\]
\[
\frac{1}{B} \div A = \underline{\text{____}}
\]

2. Choose any two digits from 1 to 9. Replace $A$ with one digit, and replace $B$ with the other digit in each equation below and solve. What do you notice? Use pictures and words to explain what is happening on the Recording Sheet.

\[
A \div \frac{1}{B} = \underline{\text{____}}
\]
\[
B \div \frac{1}{A} = \underline{\text{____}}
\]
Switching Places

1.

2.