Lesson 12: An Algorithm Using Partial Quotients

Cool Down: What's Next?

Han started finding the value of a quotient.

$$
\require{enclose}
\begin{array}{r}
300 \\
15\,\overline{\smash{)}\,5{,}400} \\
-4{,}500 \quad (300 \times 15) \\
\hline
900
\end{array}
$$

1. Write the division expression that represents the quotient Han is finding.

2. Complete the algorithm that Han started.