

A long division problem showing 12 divided by 2. The quotient is 6. Annotations include dashed circles around the divisor 2, the first two digits of the dividend 12, the first two digits of the product 24, and the final remainder 0. Arrows point to these circled elements.

$$\begin{array}{r}
 12 \\
 2 \overline{) 12} \\
 \underline{24} \\
 0
 \end{array}$$